

This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

#### Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

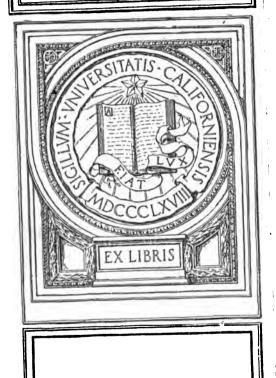
- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + Refrain from automated querying Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

#### **About Google Book Search**

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at http://books.google.com/

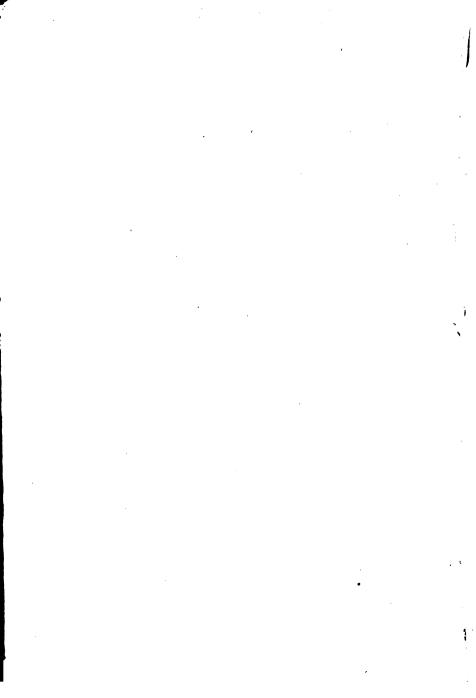


## GIFT OF HORACE W. CARPENTIER





Replorler perce this Copy to be removed from critical with new copy arms 10/1/65 g.



## HISTORICAL ATLAS

OF

## INDIA

FOR THE USE OF HIGH SCHOOLS, COLLEGES
AND PRIVATE STUDENTS

CHARLES JOPPEN, S.J.

NEW EDITION

LONGMANS, GREEN AND CO.
39 PATERNOSTER ROW, LONDON
FOURTH AVENUE & 30TH STREET, NEW YORK
BOMBAY, CALCUTTA, AND MADRAS
1914

All Rights Reserved

D-0

An Edition of this Atlas on larger paper suitable for Schools or Students is also published.

Crown 4to.

2s. 6d. R. 1. 8 As. in India.

TO VINI ARSIOTIAD

# PREFACE TO THE THIRD EDITION.

This new edition of the atlas is published in two forms, one of the same size as the second edition, the other of a smaller size. The latter has been provided in compliance with a desire expressed from various quarters, and its obvious advantages hardly require further commendation.

Again some changes and additions have been made. The number of maps has been increased by three: map 1 representing surface and vegetation features of India, map 2 giving the old Indian names of the chief rivers and ascertainable localities of some of the principal Aryan tribes, and map 17 showing "the Portuguese Provinces of the North". Maps 9, 10, 16, and 33 have been redrawn on larger scales and map 15 has been enlarged. Many of the corrections are due to the suggestion of kind friends, and I gratefully acknowledge my obligation to them.

The footnotes of the letter-press to the later maps have been left on the whole as they were written for the second edition, because handy books of reference on the History of India in the Middle Ages and in Modern Times of the kind of Mr. V. A. Smith's *Early History of India* still remain a desideratum.

Lastly, I have the pleasure of thanking the Secretary of State for India and the Clarendon Press for their courtesy in permitting the use of maps 4 and 5 of the *Imperial Gazetteer* atlas in the construction of map 1. The idea of combining the two features on one map is my own, but I owe much to the technical skill of the map-printers for the successful execution of the plan. The mass of information this map offers ought to make it particularly valuable to students of history who have both the will and the leisure to study the map with care.

CHARLES JOPPEN, S.J.

Cambridge, February, 1914.

# FROM THE PREFACE TO THE FIRST EDITION.

The purpose of this atlas is not to furnish a set of detailed maps for the use of mature scholars, but to provide a general conspectus of Indian history chiefly for the use of School and College students. Hence names of towns and forts familiar to antiquarians or those of minor states which do not come within the scope of general history have been passed over; for it has been thought desirable not to mar the clearness of the maps by overcrowding them with names of secondary or local importance. On the other hand the maps presuppose an elementary knowledge of the Geography of India, its mountain ranges, towns, and districts, which it is not the duty of an historical atlas to supply. boundary lines naturally cannot claim to mathematically accurate, but are as correct as the available information allows. Indefinite or unascertainable frontiers are generally suggested by a straight dotted line. The notes given are strictly explanatory of the maps and are thus for the most part confined to describing territorial changes. The sources quoted will supply the student with information where required.

#### CHARLES JOPPEN, S.J.

St. Xavier's High School, Fort, Bombay, September, 1907.

# FROM THE PREFACE TO THE SECOND EDITION.

In this edition three new maps have been added, map 28 has been redrawn, and maps 16, 27, and 28 have been reproduced on a larger scale. The new maps show Alexander's Indian Campaign (map 2), the Portuguese Power in the East at its Zenith (map 13), and the Principal Mahratta States in 1795 (map 22).

CHARLES JOPPEN, S.J.

February, 1910.

### CONTENTS.

Map

- 1. Surface and Vegetation.
- 2. To illustrate Ancient Aryan India.
- Alexander's Empire in 326 B.C.
- 4. To illustrate Alexander's Indian Campaign.
- 5. India in 250 B.c.
- 6. India in the 2nd Century A.D.
  - 7. India in 350 A.D.
  - 8. The Empire of the White Huns in the 6th Century A.D.
- ✓ 9. India in the 7th Century A.D.
- . 10. India in 1022 A.D.
- 11. India in 1236 A.D.
- 12. India in 1318 A.D.
- . 13. India in 1398 A.D.
- 14. India in 1525 A.D.
- 7 15. The Portuguese Power in the East at its Zenith, 1550-1600 A.D.
  - 16. The Territory of Goa.
  - 17. The Portuguese Provinces of the North.
  - 18. India in 1605 A.D.
- / 19. India in 1700 A.D.
  - 20. To illustrate the Early Mahratta History.
  - Mysore, the Dominions of Chick Deo Raja Wadeyar, 1704 A.D.

Map

22. To illustrate the Wars between the English and French in the Carnatic, 1746-1763 A.D.

23. India in 1751 A.D.

24. Haidar's Dominions in 1780 A.D.

25. To illustrate the Four Mysore Wars, 1784 A.D.

26. The Principal Mahratta States in 1795 A.D.

27. India in 1795 A.D.

28. India in 1805 A.D.

29. India in 1823 A.D.

30. India in 1848 A.D.

31. India in 1856 A.D.

32 The Growth of British Bengal, Assam, and Burma.

33. The Indian Empire in 1914 A.D.



### 1. Surface and Vegetation.

The physical features of a land are responsible for much in the making of its earlier history. Yet a satisfactory method of combining physical and political features on a map has not yet been found. Sometimes the physical and sometimes the political aspect comes out more prominently, and often the whole map is lacking in that clearness which is especially desirable in school maps. As in most of the maps of this atlas more prominence is given to the political features, it was thought that a special map showing surface and vegetation would be very welcome.

Once the signs adopted for the various features have been understood, it will not be difficult for the lecturer or teacher to explain or for the student to understand, with the help of the map, why first settlement and conquest selected some district rather than another, and how invasion generally followed the same line of least resistance. The features given on the map are those of the present day. In earlier days much more land was of course covered with forest. Also some of the rivers have changed their course, and we have indicated some of the older river beds on subsequent maps. But we may assume that the surface levels have not changed within historic times, and that, with very few exceptions, what is fertile land now was cultivable land also in early historic times.

This map also shows once for all the names of rivers, mountains, and the sites of some of the more important towns.

### 2. To illustrate Ancient Aryan India.1

Ancient Arvan India was divided into Saptasindavah. Panchanada, Madhyadesa, and Praki. Saptasindavah comprised the land watered by the middle course of the Sindhu (Indus), the Vitasta (Jhelum), and the Asikni or Chandrabhaga (Chenab), which, after their confluence, form the Marudvrida, the Urungira or Airavati (Ravi), Parushni or Vipasa (Bias), and Satadru (Sutlej) and by the Sarasvati. Panchanada is the country through which only the five great eastern tributaries of the Sindhu flow. The land between the Sarasyati and Drishadyati was called "Brahmavarta". In Saptasindavah and on the banks of the Gomati (Gomal), Krumu (Kurrum), and Kubha (Kabul) were the earliest settlements of the Aryans. But gradually they moved down the Indus and into Madhyadesa (Middle Country). This extends from Vinasana, where the Sarasvati disappears in the sands, towards the east and south-east. Its streams were the Yamuna (Jumna), and the lower courses of its southern tributaries the Charmanvati (Chambal), Sindhu (Sind), the upper and higher middle Ganga (Ganges), Gomati (Gumti), Surayu (Surju), and, at its eastern boundary, the Airavati (Rapti). Praki (East Land) comprised the land watered by the lower middle and lower Ganga and its tributaries the Ghargara (Gogra), Gandaki (Gandak), Sona or Hiranyabaha (Son), and others.

<sup>&</sup>lt;sup>1</sup> These notes as well as the corresponding map are based chiefly on C. Lassen's *Indische Alterthumskunde*, vol. i., 2nd ed., and on H. Kiepert's map in vol. ii. of the same work.

The Vedic hymns give the names of numerous Aryan tribes in Panchanada, but they are beyond all identification.

Part at least of the story of the Ramayana was acted in the land of Kosala, on the banks of the Gomati, Surayu, and Airavati, with its capital Ayodhya, and in the kingdom of the Mithila with their chief town Janakapura. South of the Ganga as far as the Godavari stretched Dadhaka, the great forest. The other countries mentioned in the epic cannot be determined.

The home of the Pandava and Kaurava, the two great opposing parties of the Mahabharata, was the land of the Kruu with the capital Hastinapura. The Pandava settled down west of the Yamuna and built a town Indraprasta (near the modern Delhi). Their great contest with the Kaurava took place at Kurukshetra, near Thanesvar. East of the Kuru was the kingdom of the Panchala with their towns Ahichchatra, Kanyakubya, and Kosambi who inhabited the lower Yamuna and Ganga Doab and the country east of the upper Ganga. While Kuru and Panchala thus occupied the north and east of Madhyadesa, the Matsva and Surasena lived in the south-The Magadha, originally settled in the Panchanada, had wandered east, built, among others, the towns of Kosambi and Kanyakubya and eventually settled down south of the lower Ganga. even in those early days they seem to have been very powerful, the Mahabharata enumerating the Anga, Bunga, Pundra, and Kirata in the east and the Chedi and part of the Matsya in the west as subject or tributary to them. The Kasmira occupied the upper valleys of the Vitasta, Asikni, and Urungira, the Kulinda the mountains west of the Ganga

The Malla lived north of the Kosala. East SOUTCES. of the Kosala were the Videha or Mithila. Pragvotisha was the country west of Kamarupa. Lauhitya was the land east of the lower Brahmaputra and the mouth of the Ganga. It was inhabited by the Kirata. The Odra lived in the present Orissa and south of these the Kalinga. Some of the Kosala had wandered to the south and settled south of the Vindhva and on the banks of the Narmada (Narbada) and Venva (Wainganga). Other Arvans settled on the Godavari, on the Payoshni (Tapti) and in the coastland south of the Payoshni, which was called **Prabhasa.** Gokharna was the southernmost Arvan settlement. In the west Krishna of Dvaraka in Surashtra was a powerful prince. In the present Sindh lived the Sindhu and between these and the Aravali hills the Salva.

### 3. Alexander's Empire in 326 B.C.

This map represents the Empire of Alexander the Great, king of Macedon, who from the Persians took Egypt and all western Asia as far as the river Indus. The course of his march (B.C. 327-324) is shown by the red line and its direction by the accompanying arrows.

The Persian king Darius had annexed the Indus valley about the year 500 B.C., and at Alexander's time the Indus was the boundary between the Persian Empire and India, while the Punjab and Sindh were ruled by numerous native chiefs.1 The course of the Punjab rivers then differed from their present one, and large tracts of land which are now sterile were

<sup>&</sup>lt;sup>1</sup> V. A. Smith, Early History of India, p. 32.

then fertile fields.<sup>1</sup> The map shows the present courses of the rivers.

From Nikaia, west of the modern Jalalabad,<sup>2</sup> Hephaistion, one of Alexander's generals, advanced in 327 B.C. through the valley of the Kabul river, while Alexander himself marched through the hilly country north of that stream to protect his army from attacks on the flank and rear and to secure his communications.<sup>8</sup> In 326, having joined Hephaistion, he crossed the Indus, probably at Ohind, sixteen miles above the Taxiles of Taxila. 5 north-west of modern Attock.4 the modern Rawalpindi, had already submitted before Alexander's arrival. In the battle of the Hydaspes. on the eastern bank of that river, Porus, king of the country between Hydaspes and Akesines, was defeated and captured, but was allowed to retain his country as a vassal. The Akesines and Hydraotes were next But on the banks of the Hyphasis, finding his troops unwilling to proceed farther, the conqueror reluctantly gave orders for a retreat. Retracing his steps to the Hydaspes, he formed a fleet, and sailed down the river accompanied by contingents of his army on both banks, the larger portion being on the eastern side. After numerous fights with the tribes on both banks, he arrived at Pattala.6 Having explored the western and eastern branch of the Indus. he himself marched back through Gedrosia and arrived at Susa in April or May 324, while his admiral Nearchus sailed through the Persian Gulf to the mouth of the Euphrates (dotted red line).

<sup>&</sup>lt;sup>1</sup>V. A. Smith, Early History of India, p. 83. <sup>2</sup>Ib., p. 48. <sup>3</sup>Ib., p. 44. <sup>4</sup>Ib., p. 52. <sup>5</sup>Ib., p. 54.

The exact position of this town is disputed. Probably it was six miles west of the modern Mansurya. See Smith, op. cit., p. 95.

# 4. To illustrate Alexander's Indian Campaign.<sup>1</sup>

This map should be used in conjunction with Arrian's account of Alexander's Indian campaign; for it shows nearly all the places, rivers, and peoples mentioned by that writer, who, as it would seem, gives the fullest and clearest description of Alexander's progress. The insertion of names given by other classical writers would have unduly crowded the map. Also the spelling of Arrian has been used. Out of conflicting opinions with regard to the sites of ancient places one has, of necessity, been adopted, but as a rule the chief counter-claimant has also been given.

### 5. India in 250 B.C.

Alexander seems to have intended a permanent annexation of the Indus valley and the Punjab; but when, after his death (323 B.C.), his vast empire was broken up, all his garrisons in India were destroyed or driven back. The leader in this struggle for liberty was Prince Chandragupta, then an exile from Pataliputra, but subsequently founder of the Mauryan dynasty of Magadha. He seems to have been the first supreme sovereign of Hindustan, his dominions extending from the Bay of Bengal to the Arabian Sea and reaching southwards probably as far as the Narbada. Seleukus, one of Alexander's generals, had made himself king of western and central Asia. But in 305 B.C. Chandragupta, after a successful cam-

<sup>&</sup>lt;sup>1</sup> In the construction of this map much help has been derived from A. Cunningham's Ancient Geography of India, and from J. W. M'Orindle's Invasion of India by Alexander the Great as described by Arrian, Qu. Curtius, etc.

paign, forced him not only to give up all thought of conquest in India but also to cede the provinces of Parapamisadai, Aria, Arachosia, and probably Gedrosia (see maps 3 and 5). Thus the Hindu Kush mountains became the frontier of the first Indian Empire. Its capital was Pataliputra (now Patna). Chandragupta died in 297 B.C. and was succeeded by his son Bindusura († 272 B.C.) and his grandson, the renowned Asoka<sup>1</sup> (272-232).

Asoka's Empire extended in the north-west to the Hindu Kush, and included most of the territory now called Afghanistan, the greater part of Baluchistan, and all Sindh. Northwards his dominions stretched to the foot of the Himalavas and seem to have comprised the districts round Srinagar (which was built by him) and the territory round Lalita Patan in Nepal. two and a half miles south-east of Katmandu (also built by him). The whole of Bengal acknowledged his sway, and the kingdom of Kalinga (i.e., the strip of country extending along the coast of the Bay of Bengal from the Mahanadi to the Godaveri) was subjugated in 261 B.C.<sup>2</sup> The Dekkan had already been conquered either by Chandragupta or by Bindusura.3 The Andhra kingdom, between the Godaveri and the Kistna, was administered by its own raja, but seems to have been a protected state. The southern frontier of the empire must have coincided closely with the 13th degree of northern latitude. The southern Tamil kingdoms of Chola, Pandya, Satiya, and Chera remained independent. The hill tribes within the limits of the empire seem also to have enjoyed a certain amount of independence.4

<sup>&</sup>lt;sup>1</sup> For this para. compare Smith, op. cit., chapter v.

<sup>&</sup>lt;sup>9</sup> Smith, op. cit., pp. 142, 143. <sup>3</sup> Ib., p. 181. <sup>4</sup> Ib., pp. 142, 149.

Asoka is noted for his rock- and pillar-edicts, which are scattered all over India and tell us much of his principles of government and of his ethical system. Embracing Buddhism, he became active in its propagation, despatching missionaries not only over the whole of his empire, but also to Syria, Egypt and Macedonia.<sup>1</sup>

### 6. India in the 2nd Century A.D.2

Soon after Asoka's death (232 B.C.) his empire broke up and his descendants seem to have retained only Magadha and the neighbouring provinces; Kalinga and Andhra were among the first to acquire independence.

The Andhra nation, a Dravidian people, occupied in Chandragupta's time the deltas of the Godaveri and Kistna (see map 5). After Asoka's death, they rapidly extended their power to the sources of the Godaveri and soon stretched right across the peninsula from the Arabian Sea to the Bay of Bengal, probably

including Magadha (c. 27 B.C.).

About the middle of the 2nd century B.C. hordes of Sakas, a pastoral tribe from the Jaxartes, established themselves in Sindh and Saurashtra (the modern Kathiawar), and their chiefs assumed the ancient Persian title of "satrap". Other foreigners also, the Yavanas (Asiatic Greeks or others coming from Grecian kingdoms in the north-west of India) and the Pallavas (Parthians from Persia), had by this time settled in western India as rulers over the native population. By the beginning of the 2nd century A.D. all these became subject to the Andhra kings.

<sup>1</sup> Smith, op. cit., p. 164.

<sup>2</sup> For the whole of this chapter, compare Smith, op. cit., chapters viii., ix., x.

In 145 A.D., however, Saurashtra, Malwa, Cutch, Sindh, and the Konkan became independent under Rudradaman, one of the satraps. The northern and western boundaries of Andhra can thus be fixed, while towards the east and south they remain problematical. The capital of the Andhra kings at this time was Paithan on the Godaveri.

After Asoka's death Sogdiana, Baktria, the Kabul valley, and the Punjab were ruled by Greek and Parthian rulers, until they were overthrown by the Yueh-chi (Turki nomads), who in course of time became a settled nation. Under Kanishka, the third of the Kushan dynasty, they formed a mighty power, and waged a successful war even against the then powerful Chinese Empire. Towards the west Kanishka's Empire reached to the Persian frontier. the east he had conquered Kashgar, Yarkand, and Khotan. He ruled over the whole of north-western India probably as far as the Jumna and the Chambal. Northwards the boundaries of his dominions are not clearly defined. The capital of his empire was Parushapura (the modern Peshawar). He acceded about 120 A.D., and was a Buddhist.

The rest of India was at this time ruled by smaller Hindu rajas.

### 7. India in 350 A.D.<sup>2</sup>

In the beginning of the 3rd century the Kushan and Andhra dynasties became extinct, and their em-

<sup>2</sup> Ib., pp. 247-248, 255-256.

<sup>&</sup>lt;sup>1</sup> Smith, op. cit., pp. 224, 225; also his paper on the Kushan period quoted on p. 219. The date, however, is not certain. Alternatives favoured by other authorities are 78 a.p. and even 58 B.C. [See papers and report of discussion in the Journal of the Royal Asiatic Society of 1912 and 1918.]

pires were broken up into minor states. The middle of the 4th century reveals two other mighty empires, that of the Guptas and that of the Western Satraps. The Satrap Rudrasena and the Gupta Samudragupta were contemporaries.

The Gupta dynasty came into existence at the beginning of the 4th century A.D. Samudragupta's dominions extended from the Hugli to the Jumna and Chambal, and from the Himalayas to the Narbada. Samatata (in the Ganges delta), Kamarupa (the present Assam), and other smaller states were tributary to him. The clans in northern Rajputana were under his protection.

Samudragupta organised a great campaign in the south of India, but achieved no permanent conquest. This campaign is of interest, however, because its records reveal the political state of affairs in the south. His first attack was directed against South Kosalla and the valley of the Mahanadi, after which he subdued the forest countries of Orissa, took the hill-forts of Mahendragiri and Kottura in Ganjam, conquered Pishtapura (now Pithapuram), defeated the king of Vengi, the Pallava king of Kanchi (now Conjeveram), and the Pallava king of Palakha (now Palghatcherry). Then, returning through the western parts of the Dekkan he subdued Devarashtra (probably the Mahratta country) and Erandapalla (Khandesh).

This information about Samudragupta is wholly derived from the inscriptions on a stone pillar still standing in the fort of Allahabad.

Towards the end of the 4th century the territories of the Western Satraps were incorporated into the Gupta Empire.

# 8. The Empire of the White Huns in the 6th Century A.D.<sup>1</sup>

Towards the close of the 4th century (A.D. 395) the kingdom of the Sakas or Western Satraps was overthrown by the Guptas, whose empire then extended from the Ganges delta to the Indus valley and the Arabian Sea.

The Gupta Empire subsisted till the end of the 5th century, when it was destroyed by the White Huns or Ephthalites. The Gupta dynasty, however, still retained possession of Magadha and the eastern provinces.

The Huns, a Mongol tribe, while moving westwards from the steppes of Asia in the second half of the 4th century to seek subsistence for their growing numbers, divided themselves into two main streams. The one advancing into Europe was united subsequently under the terrible Attila, while the other directed its course towards the Oxus valley. The latter section, known as the White Huns, overthrew the (Kushan) kingdom of Kabul and thence poured into India. About the year 500 they overwhelmed the kingdom of Gandhara (Peshawar) and overthrew the Gupta Empire.

At the beginning of the 6th century the Indian dominions of the Huns were ruled by Mihiragula, whose capital was at Sakala in the Punjab. India was, however, only a province of the empire. The head-quarters of the horde were at Bamyin (near Herat), while Balkh served them as a secondary capital. The Hunnish overlord levied tribute from

<sup>&</sup>lt;sup>1</sup> Smith, op. cit., chapter xii.

forty countries extending from the frontiers of Persia in the west to Khotan on the borders of China in the Malwa was then ruled by a Hunnish prince, and Valabhi and other kingdoms must have been tributary to Mihiragula.

About the year 528 Mihiragula was defeated by a confederacy of Hindu princes under the leadership of the king of Magadha. Between the years 560 and 570 the Persians, allied with Turkish tribes, overthrew the White Hun Empire, and the Oxus valley and other countries occupied by the Huns were then annexed by the Turks.

### 9. India in the 7th Century A.D.1

After the overthrow of the White Huns no supreme power existed in India until the beginning of the 7th century, when Harsha (606-647 or 648), originally king of Thaneswar, after a thirty-five years' war, became the lord paramount of the north, while Pulikesin II., the greatest of the Chalukya dynasty, was the leading sovereign in the south.

About 620 the armies of the northern and southern empires met. The result of this encounter was that Harsha was forced to accept the Narbada river as his southern frontier.

At the end of his reign Harsha held sway over the whole of the Gangetic plain from the Himalayas to the Narbada, while the kings of Kamarupa (Assam), Valabhi (in Kathiawar), and Nepal were his vassals.

By this time Kalinga had been depopulated and was for the most part covered with jungle. In the west the independent kingdom of Sindh was ruled by

<sup>&</sup>lt;sup>1</sup> Smith, op. cit., chapters xii., xiii., xv.

kings of the Sudra caste, and the Punjab and Multan formed one kingdom.

The Chalukya dynasty rose into importance in the middle of the 6th century. They seem to have been Rajputs from the north imposing their rule on the Dravidian inhabitants of the Dekkan. Their capital was at Vatapi (the modern Badami). The Pallavas, between the Kistna and Godaveri (see map 7), were driven from their homes by the Chalukyas; but the Pallavas of Kanchi struggled eagerly for their liberty, and victory inclined now to one side, now to the other.

After Harsha's death (c. 648) India became once more a medley of petty states, but, except for the merely local incursion of the Arabs into Sindh, was free from foreign invasion till the beginning of the 11th century.

Much of our information of the political state of India at that time we owe to the report of the travels of the Chinese pilgrim Yuan Chwang.<sup>1</sup>

#### 10. India in 1022 A.D.

At the end of the 10th and the beginning of the 11th century India was again disturbed by foreign invaders. About 992 Sabaktigin, the founder of the House of Ghazni in Afghanistan, took possession of the country as far as the Indus.<sup>2</sup> In 1022 the

<sup>1</sup> In identifying the places mentioned by the Chinese pilgrim, and in tracing out his route, we have used the maps compiled by Vivien de Saint-Martin, A. Cunningham, and V. A. Smith, in Watters' Commentary on the travels, as well as the geographical notes of the same scholars, of S. Julien and of T. Watters. Several of the sites of these ancient places cannot yet be fixed with certainty. But as the names often occur in History we have marked them on the map, and expressed the uncertainty of the actual sites by marks of interrogation.

2 Elphinstone. History of India, 5th ed., p. 322.

Afghan Muhammadans gained a permanent footing in India when Mahmud of Ghazni wrested the king-

dom of Lahore from Jeipal II.

At that time Hindustan was ruled by many independent kings. But Muhammad Ghazni defeated all the most important of them: Jeipal, the rais of Lahore, at Peshawar (1001); the rajas of Bhatia. Multan, and the united army of the kings of Gwalior, Malwa. 1 Kalinjar (Jejakabukti), Kanauj, Delhi, and Aimere in the decisive battle at Peshawar or Parashara (1008). By plundering the Hindu shrinesespecially those at Nagarkot in the Himalayas, Thaneswar, Muttra on the Jumna, and Somnath in Gujerathe acquired the name of the "idol breaker".

The extensive region to the south of Bundelkhand, "which is now under the administration of the Chief Commissioner of the Central Provinces, nearly cor-

responds with the old kingdom of Chedi ".2

In the Dekkan the ancient Chalukya dynasty had been destroyed in the middle of the 8th century, but about the year 973 a scion of the old royal house restored the Chalukya kingdom and recovered most of the territory of the former dynasty. The capital of this kingdom was Kalyan.3

In the south the Chola rajas had risen into importance. Rajaraja the Great (985-1011) overthrew the Pallavas of Kanchi and conquered the kingdom of Vengi, thus putting an end to the independence of the Pallavas which had lasted for more than eight cen-He added Kalinga to his dominions and in 1005 went so far as to annex Ceylon. He thus be-

<sup>&</sup>lt;sup>1</sup> Malwa was ruled, at this time, by the famous Bhoja Para. mara (1010-1053), who had his capital at Dhara (see Smith, opcit., p. 317).
<sup>2</sup> Smith, op. cit., p. 313.

<sup>&</sup>lt;sup>3</sup> Ib., pp. 326, 328.

came the Lord Paramount of Southern India,¹ ruling over nearly the whole of what is now the Madras Presidency, Ceylon, and a large part of Mysore.² His son Rajendra Choladeva (1011-1052) extended his father's dominions as far as Orissa and Bengal, and maintained a powerful navy.³ The ancient Pandya kingdom was most probably tributary to the Cholas.⁴

The Hoisala or Bellals seem at this time to have occupied western Mysore and Malabar and to have supplanted the ancient Chera dynasty.<sup>5</sup> Their capital was Dwara Samudra, the modern Halebid.<sup>6</sup>

#### 11. India in 1236 A.D.

This map shows the divisions of India at the death of Altamsh (1236), the greatest of the Slave kings. The whole of Hindustan was kept by him in various degrees of subordination ranging from complete subjection to partial dependence.

It will serve to make the map better understood if we briefly sketch the historical events in Hindustan down to this date.

The House of Ghazni, after flourishing for about 150 years, had been overthrown by the family of Ghor. Muhammad of Ghor (1186-1206) decided to conquer Hindustan which was then held by Rajput clans (see map 10): Delhi by the clan of Tomara, Ajmere by that of Chouhan. These two were united under one raja Prithvi, but at enmity with the Rathors of

<sup>&</sup>lt;sup>1</sup> His capital was Tanjore. The walls of the great temple of that town, built at his command, are inscribed with the story of his victories (Smith, op. cit., p. 345).

<sup>&</sup>lt;sup>2</sup> Smith, op. cit., pp. 345, 357.

<sup>&</sup>lt;sup>2</sup> *Ib.*, p. 846. <sup>4</sup> *Ib.*, p. 888.

Meadows Taylor, A Student's Manual of the History of India, p. 71.

<sup>&</sup>lt;sup>6</sup> Smith, op. cit., p. 831,

Kanauj and the Baghilas of Gujerat. The result of this dissension was disastrous to both parties. though Muhammad Ghori was defeated by Prithvi in the battle of Thaneswar (1191), he utterly routed the Rajput in the battle of Thaneswar (1193), slew him, and annexed his dominions. In the following year Muhammad defeated Jaichand, the Rathor raja of Kanauj, at Chadrawar (near Etava), took Benares and Kanauj, and added the territories of the defeated prince to his own. Upon this the greater part of the Rathor clan retreated from Kanauj and founded the principality of Marwar. In the following year (1195) Gwalior was taken, and Kutb ud Din, Muhammad's Indian governor, invaded Gujerat or Anhalwara, took the capital, but could not secure possession of the country. In 1196 he took Kalinjar. Bengal (capital Gaur) were reduced about the same After the death of Muhammad Ghori, Kutb ud Din became independent ruler of India. His son-inlaw and successor Altamsh (in 1225) obtained Sindh which had been conquered from the Sumera Rajputs<sup>2</sup> by Nazir ud Din, another of Muhammad Ghori's He also asserted his sovereignty over Behar and Bengal and reduced Ranthambor in Rajputana, Mandu and Ujjain in Malwa (1226-1232).3

The Bella's were still ruling in the south and had become very powerful. The Chalukya dynasty had come to an end about 1190, and their territory had been annexed by the Bella's in the south and by the

<sup>1</sup> Sindh was ruled by the Sumera clan of Rajputs (Meadows Taylor, pp. 76, 156).

<sup>3</sup> Elphinstone, op. cit., pp. 359-375.

4 Smith, op. cit., p. 831.

<sup>&</sup>lt;sup>2</sup> The Sumera (Samma) Rajputs driven from Sindh went over to Cutch and conquered that country (Bombay Gazetteer, Cutch, p. 192).

The Chola kingdom had in Vadavas in the north.1 the 13th century lost much of its former splendour.2 Pandya was recovering its independence.3 Telingana was ruled by the Narupati dynasty whose capital was Warangal.4

### 12. India in 1318 A.D.

About a century later (1318) the whole of India lay subject to the Muhammadan Afghans or Pathans in various degrees of dependency.

The four successors of Altamsh had made no political acquisitions, and the dynasty of the Slave kings (1206-1290) had given way to that of the Khiljis (1290-1320).

The vigorous and talented Alla ud Din, nephew of Jalal ud Din, the first Khilji ruler (1290-1295), invaded the Dekkan in 1294 and forced Ramachandra, the Yadava raja of Deogarh, to cede Ellichpur.<sup>5</sup> 1297 he finally subjugated Anhalwara (or Gujerat), whose raja had reasserted his independence, and in the same and the following years Somnath and Sorath, the eastern part of the Kathiawar peninsula, were reduced.6 while Cutch and the north-western part of Kathiawar preserved their independence. Chitor was taken after a brave defence. Jalor and Siwana were reduced in 1309.8 From 1309-1311 Malik Kafur, Alla ud Din's general, undertook his famous Dekkan campaign. In 1309 the raja of Warangal made his submission and undertook to

<sup>&</sup>lt;sup>1</sup> Smith, op. cit., p. 330. <sup>2</sup> Ib., p. 347. <sup>3</sup> Ib., p. 347.

<sup>4</sup> Meadows Taylor, op. cit., p. 73.

<sup>Elphinstone, op. cit., pp. 286, 287; Smith, op. cit., p. 332.
Bombay Gazetteer, Kathiawar, p. 284.
Founded after the Muhammadan conquest by the raja of</sup> 

Ayodhya (Oudh).

<sup>&</sup>lt;sup>8</sup> Elphinstone, op. cit., p. 396,

pay a permanent tribute. In the same year Ramachandra of Deogarh once more submitted to Malik Kafur. In 1310 this general invaded the Bellal (or Hoisala) kingdom, took the raja prisoner, and reduced the whole of the eastern territory. In 1312 Malik Kafur put the Yadava raja to death and compelled the princes of Maharashtra and Karnata to pay tribute. In 1318 Khusru Khan, a converted Hindu and general of Mubarak, the last Khilji, conquered Malabar. In the same year a revolt led by Harapala, the last of the Yadavas, was suppressed, and Harapala was flayed alive.

Thus the power of the Muhammadans was felt throughout India. Kashmir in the north, Orissa in the east, Cutch and Junagarh in the west, and perhaps the extreme south <sup>7</sup> of the peninsula alone re-

tained their independence.

### 13. India in 1398 A.D.

Large though the Afghan Empire was in 1318, it was already doomed to dissolution. Two causes mainly brought about its downfall: the inroads of the Moghtls from the north-west and the want of cohesion among provinces which had yielded only an imperfect submission. Tribute, especially in the south, was given only when exacted by the emperor or his generals at the head of an army.

<sup>&</sup>lt;sup>1</sup> Elphinstone, op. cit., p. 896. <sup>2</sup> Smith, op. cit., p. 832.

<sup>&</sup>lt;sup>7</sup> R. Sewell in A Forgotten Empire (p. 42) corrects the erroneous contention that Malik Katur erected a mosque at Rameswaram. The mosque was erected on the Malabar coast, and he suggests that Cape Rama, south of Goa, may be the place in question.

Ghyas ud Din Tughlak (1320-1325) strengthened the frontiers against the Moghuls and reduced Warangal and Bednor once more. But under his unfortunate, if not mad, son Muhammad Tughlak and his still more incapable successors province after province was lost. Bengal and Telingana became independent in 1340. A number of dissatisfied Moghul nobles founded in 1347 the kingdom of Bahmini in the Dekkan, whose first ruler was Hassan Gango Bahmini. South of the Kistna and Tungabhadra the princes of Vijayanagar reigned supreme. Jaunpur threw off its allegiance in 1394, Gujerat became practically independent in 1394, and the same applies to the kingdoms of Khandesh and Malwa.

The most powerful of these states were Bahmini and Vijayanagar. In 1398 Bahmini, then governed by the famous and mighty Firoze Shah Bahmini (1397-1422), extended itself over the western part of Telingana; 2 the frontier towards Gondwana ran either along the Wardha or the Wainganga river; Berar was its most northerly province; on the west the Ghauts formed the boundary, the petty rajas of the Konkan being independent: the ports of Chaul and Dabul were the doors of communication between this kingdom and the non-Indian world. The rich plain bounded by the Kistna and Tungabhadra rivers was an object of contention between Bahmini and Vijayanagar, and its strong fortresses Raichur and Mudgal were held alternately by either party.3

About 1344 the kings of Telingana, Dwara Samudra, Anagundi, and other Hindu princes of the south formed a league to stem the tide of Muhammadan

<sup>&</sup>lt;sup>1</sup> Elphinstone, op. cit., pp. 406-414.

<sup>&</sup>lt;sup>2</sup> Ferishta (Scott, i., p. 69).

<sup>3</sup> Meadows Taylor, op. cit., p. 161 and passim.

invasion and to preserve or acquire independence. Of these Telingana remained independent, while all the chiefs of southern India from the banks of the Kistna and Tungabhadra submitted to the sway of the raja of Anagundi-a small state which in less than a century grew into the mighty empire 2 of Vijayanagar, with its capital bearing the same name.3 About 1398 Goa and Dharwar and the surrounding districts belonged to Vijavanagar, while Mudgal and Raichur were then in the hands of the Bahmini Sultan.5

Gujerat (capital Patan), Malwa (capital Mandu), Khandesh (capital Thalner), Jaunpur (capital of the same name), and Bengal (capital Gaur), were under The tribes of Gondwana were Afghan sultans. united under one Nersingh of Kherla who in 1398 and 1399 was at war with Bahmini and agreed to pay tribute.6 Sindh was ruled by the Jam family of Sumera Rajputs, who about the end of the 14th century embraced the Muhammadan faith. paid tribute to Delhi till 1450 when they declared their independence. The upper Tapti valley was in the possession of the descendants of the ancient cowherd kings who were then independent.8 Though Kashmir had not been conquered by the sword of the Muhammadans and retained its independence, the ruling dynasty since 1326 were Moslems.9 western part of Kathiawar and Cutch were still

given in the map, are only problematical.

<sup>2</sup> Hariharsha II. (1379-1399) assumed imperial titles calling himself "Maharajadiraja" (R. Sewell, op. cit., p. 48).

3 R. Sewell, op. cit., pp. 45, 46.

4 Ib., pp. 45, 49.

<sup>&</sup>lt;sup>1</sup>Its boundaries in 1398 against Bahmini and Gondwana, as

nself "Manarajaurio," 3 R. Sewell, op. cit., pp. 45, 46.
6 Ferishta (Scott, i., pp. 79-81).

<sup>&</sup>lt;sup>7</sup> Meadows Taylor, op. cit., p. 157. <sup>8</sup> Ib., p. 147. <sup>9</sup> Ib., p. 157.

independent under Hindu chiefs. In Orissa also an

independent Hindu dynasty was in power.

While India was thus divided into many kingdoms. weakening each other by incessant warfare, the cruel and wily Tamerlane, who had unified the Moghul hordes and conquered Persia, Transoxonia, and other states of Central Asia, burst upon the remaining portion of the Afghan Empire. The vanguard of the Moghul host under Pir Muhammad took Multan and Tamerlane himself left Kabul in August. Talamba. 1398, crossed the Indus at Dinkot, marched to the Jehlam and down its banks to Talamba, was joined on the Sutlej by Pir Muhammad, and took Adjudin, Bhatnair, and Samana, slaughtering the inhabitants of every town he passed. Mahmud Tughlak (1394-1412), the Emperor, fled to Gujerat, Delhi surrendered, and Tamerlane was publicly proclaimed Emperor of Having plundered and slaughtered the people of Delhi, the Moghul marched to Meerut, crossed the Ganges, and proceeded up its banks to the foot of the Himalayas. He then marched along the foot of the mountains to Jammu, turned to the south, and left India by the same route by which he had entered, leaving anarchy, famine, and pestilence behind him.2

### 14. India in 1525 A.D.

After Tamerlane's departure from India, there was for a time neither Emperor nor Empire of Delhi. The Sayids (1414-1450) had little authority outside Delhi, and the last of the line surrendered his claims to Buhlol Lodi (Emperor 1450-1488), who had oc-

<sup>&</sup>lt;sup>1</sup> The site of Dinkot is uncertain. Most probably it is south of the Salt Range (see Elphinstone, p. 414, note 21).

<sup>2</sup> Elphinstone, op. cit., pp. 414-417.

cupied the whole of the Punjab. That ruler added Jaunpur to his dominions in 1478. His successor Secander Lodi (1488-1517-18) reannexed Behar and extended his territories in the direction of Bundel-khand; but his dominions, as represented on map 14, were rather "a congeries of nearly independent principalities, jaghirs, etc.," than a compact monarchy. Secander's son Ibrahim (1517-18-1526) disgusted his followers by his pride and cruelty. In the eastern part of his dominions one Derya Khan Lodi asserted his independence, while in the west Daulat Khan Lodi, the governor of Lahore, rose in arms against his sovereign. Thus matters stood when Baber invaded India.

The Rajput princes had recovered their independence and acknowledged Sanga, the powerful raja of Marwar and Ajmere as their leader.<sup>2</sup>—Malwa, though still independent, was in 1526 annexed to Gujerat.<sup>3</sup>—The kings of Gujerat had subdued western Kathiawar, including Junagarh 4 (or Girnar) and Cutch.<sup>5</sup> The old capital had been abandoned and a new one (Ahmadabad) built by Ahmad Shah (1411-1443).<sup>6</sup>—Malik Nasir of Khandesh in 1399 captured Asirgarh and built the strong forts of Zainabad and Burhanpur.<sup>7</sup>—At the time of Baber's invasion Sindh was in possession of Shah Hussein Arghun of Multan.<sup>8</sup>—In Gondwana Sanyram Shah of Mandla about this time extended

<sup>1</sup> Elphinstone, op. cit., pp. 417-421.

Meadows Taylor, op. cit., p. 145.
 Bombay Gasetteer, Kathiawar, p. 288.

<sup>5</sup> Ib., Cutch, p. 135.

 $<sup>^2</sup>$  Ib., p. 431; Sanga also held the eastern part of Malwa as far as Bhilsa and Chanderi (ib., p. 431).

<sup>&</sup>lt;sup>6</sup> Meadows Taylor, op. cit., pp. 185, 136. <sup>7</sup> Bombay Gazetteer, Khandesh, p. 244.

<sup>8</sup> Meadows Taylor, op. cit., p. 158.

his kingdom over fifty-two districts comprising the country now known as Bhopal, Sagar, and Damoh on the Vindhyan plateau; Hoshangabad, Narsinghpur, and Jabalpur in the Narbada valley; Mandla and Seoni in the Satpura highlands. The rest of the country was governed by other independent chiefs, e.g., those of Chattisgarh, Ratanpur, and Chanda.

The Bahmini kingdom attained great power under Firoze Shah (1397-1422) and his brother Ahmad Shah (1422-1435). The latter built Ahmadabad Bidar (1426-1432) on the site of an ancient Hindu capital.<sup>2</sup> The Konkan was subdued and Goa taken from Vijayanagar in the years 1469-1472.<sup>3</sup> In 1477 Telingana was reduced.<sup>4</sup> The northern boundary of Telingana towards Orissa was not well defined.

At the end of the 15th century the Bahmini kingdom shared the fate of so many Indian kingdoms and was broken up into five smaller sultanates: At Ahmadabad Bidar the last representatives of the Bahmini dynasty were mere puppets in the hands of their ministers, the Berids, who were the real rulers in the districts round the old capital.—Berar (capital Gawilgarh) was independent under the Imad Shahi dynasty from 1484-1574, when it was annexed to the Ahmadnagar state.—Bijapur was ruled by the Adil Shahi dynasty from 1489-1686, when it was incorporated into the Moghul Empire by Aurangzib. The Nizam Shahi dynasty held sway over Ahmadnagar 5 from 1489-1637, when its last representative was sent as a state prisoner to Gwalior.—Golconda was under the Kutb Shahi dy-

<sup>&</sup>lt;sup>1</sup> Central Provinces Gasetteer, Intro., lxxiii., lxxiv.

<sup>&</sup>lt;sup>2</sup> Ferishta (Scott, i., p. 106).

<sup>&</sup>lt;sup>3</sup> *Ib.*, pp. 155-157. <sup>4</sup> *Ib.*, p. 168.

<sup>&</sup>lt;sup>5</sup> The capital Ahmadnagar was founded by Ahmad Nizam Shah in 1490 (see Meadows Taylor, op. cit., p. 207).

nasty from 1512-1687, when it was annexed by Aurangzib.

The limits of these states may roughly be given as follows:—Bijapur extended from the Nira river in the north to the Kistna in the south, and from the Bhima in the east to the sea-coast, from Goa to Bombay, in the west: 1 Ahmadnagar comprised the western part of Berar and the country round Daulatabad as far west as the Ghats: Golconda included the country between the lower and middle Kistna and Godaveri rivers and an undefined tract north-east of the Godaveri: Berar "extended from the Injadri (or Satpura) mountains to the Godaveri, on the west it bordered on Ahmadnagar and Khandesh, about the middle of the 76° of eastern longitude, on the east its limits are uncertain".2 The boundaries of Bidar towards the east and west were ill defined.

While the Muhammadan kingdoms of the Dekkan were thus divided, all southern India was still under the sway of the king of Vijayanagar (Krishna Deva, 1509-1530). The chiefs of Seringapatam, Calicut, and others were his vassals, though they were treated by the Portuguese as kings.3 The Raichur Doab was, at the time represented by the map, in the possession of Krishna Deva.4

In 1524 Cham Raj Bole either constructed or repaired a fort in the south, to which he gave the new name Mahesh Asur, now called Mysore, a name which figures largely on the pages of subsequent history.5

<sup>2</sup> Elphinstone, op. cit., p. 761. <sup>3</sup> R. Sewell, op. cit., p. 122. <sup>4</sup> Ib. <sup>5</sup> M. Wilks, History of Mysore, i., p. 22. 4 Ib., pp. 140, 166.

<sup>1</sup> G. U. Pope, A Text-book of Indian History, iv., 23.

The Portuguese had by this time secured a firm footing in India, having taken Goa in 1510.

# 15. The Portuguese Power in the East at its Zenith (1550-1600 A.D.).1

A just appreciation of the power of the Portuguese in India is only possible, if we consider their Indian possessions in connection with the rest of their dominions in the east, and remember that theirs was a maritime supremacy established to secure their trade.

Their very first expedition to India under Vasco da Gama was a trading expedition. But on their arrival they found the Indian export trade entirely in the hands of Arab merchants. These "Moors," as they were called, obtained their wares from Africa, India, Malacca, China, and the Moluccas, and carried them by way of the Red Sea and the Persian Gulf, to Egypt, Turkey, and Persia, whence they found their way to Europe.<sup>2</sup> These were the commercial rivals the Por-

<sup>&</sup>lt;sup>1</sup> These notes are drawn chiefly from Danvers, *The Portuguese* in *India*, 2 vols. The limits of the Portuguese sphere of influence have, of course, been fixed only approximately.

<sup>&</sup>lt;sup>2</sup> From China and Tartary the trade routes went by way of Samarkand, and from the north of India by Bamian and Termez to Sultanieh, Tabriz (or Tauris), Aleppo and the Mediterranean, or to Brussa and to Constantinople. By sea the merchandise from China and the Spice Islands was carried by Malacca to Calicut and Cambay. Then the routes divided. The first went by Ormuz either overland to Sultanieh and then to Constantinople, or by sea to Bassorah, and then by Bagdad and Damasous to the Mediterranean, where the European merchants, notably Venetians, received the goods in the ports of Beirut, Haleb, and Tripoli. The other route went from Cambay and Calicut to Aden. Then it branched off to the south along the African coast and to the north by way of Jedda either to Mecca and Damascus, or to Tor, Suez, Alexandria and the Mediterranean. (Cf. Dr. W. Heid, Geschichte des Levantenhandels im Mittelalter.)

tuguese had to deal with. First then only to hold their ground against these "Moors," and later on to secure the monopoly of the trade at sea, which they gradually acquired, they built fort after fort along the seaboard which surrounds the eastern seas. These forts exacted due respect from the native rulers, served them as naval bases for their fleets, and dominated important straits where they levied toll on all passing ships.

Map 15 represents this maritime Supremacy of the Portuguese in the second half of the 16th century,

when it was at its highest.

The first Portuguese fort was erected at Cochin in 1503. In 1504 Zanzibar was made tributary, and in 1505 forts were built at Mozambique, Sofala, and Kilwa on the African coast, and at Cannanore in India. In 1507 Socotra was temporarily occupied and a fort erected. In the same year the Sultan of Muscat was made tributary. In 1510 Albuquerque took Goa and made it the capital of the Portuguese possessions, in 1511 he conquered Malacca, and in 1515 he occupied In 1518 Colombo was taken. In 1522 the Portuguese fortified Ternate, which became their chief station in the Moluccas. Fortifications were erected at Chaul in 1521. In 1534 Bahadur Shah of Gujerat ceded Bassein and the Bombay islands to the Portuguese, and gave permission to build a fort at Diu, which was completed in 1535.

In 1557 Macao was founded on a promontory south of the estuary of the Canton River. It became the base for the ships trading with China and Japan. No fort, however, was erected before 1615. In 1559 the Portuguese occupied Daman. In 1560 Jaffna was made tributary and a fort erected on Manar Island. Towards the close of the century (1597) the King of

Spain and Portugal <sup>1</sup> was proclaimed King of Ceylon. The interior, however, remained practically independent. Forts were erected at Muscat towards the close of the 16th century, at Trincomali in 1623, and at Batticaloa in 1629.

Thus in the second half of the 16th century the Portuguese were supreme in the Indian seas. controlled the important Straits of Malacca and Ormuz. compelled the traders of other nations to buy their passports, and their fleets cruised about to uphold their authority. But with the opening of the 17th century the English and the Dutch, Spain's enemies in Europe, began to dispute the superiority of the kingdoms of the united Peninsula. About the year 1600 the Dutch established themselves in the Moluccas, and subsequently excluded the Portuguese from the China Sea. In 1622 Ormuz surrendered to the combined forces of the English and Persians. 1639 the Dutch conquered Batticaloa, and in the following year Trincomali and Galle. Malacca fell into their hands in 1641. About the middle of the 17th century the Portuguese on the Coromandel Coast were supplanted by the French, the English (who settled at Madras), and the Dutch (who took Negapatam in 1658). In 1656 Colombo surrendered to the Dutch, who by the capture of Manar and Jaffna in 1658 obtained possession of the whole of Ceylon. Bombay was ceded to the English crown in 1661. In the same year Quilon was occupied by the Dutch, who took Cochin and Cannanore in 1663. The "Moors" too reasserted themselves. Muscat fell into the hands of the Arabs in 1650, and in 1699 they took Mom-

<sup>&</sup>lt;sup>1</sup> Portugal and Spain were united under the Spanish kin from 1580-1640.

bassa. In India the Portuguese fought without success against the Mahrattas, who overran Salsette (north of Bombay) in 1737. In 1739 Bassein, and in 1740 Chaul were surrendered to them. By this time all the Portuguese possessions in the east were lost with the exception of Goa, Daman, and Diu in India, the greater part of the African coast, and Macao in China.

### 16. The Territory of Goa.

Goa was taken for the second time by Albuquerque in 1510 (25th Nov.). The land then permanently occupied included the islands of Goa, Chorão, Divar, and Jua. The lands of Salsete and Bardez were temporarily occupied by the Portuguese in 1510 and 1520. Ibrahim I. of Bijapur made them over permanently to Portugal in 1543. And, although Bijapur troops overran these districts repeatedly, Ali I. of Bijapur again guaranteed them to Portugal in 1571.

In 1754 the Bhonsle acknowledged the Portuguese claims on Alorna, Bicholim, Pernem and Sattari, which, though subsequently farmed out to the Mahrattas for some time, were finally surrendered to the

Portuguese in 1788.

In 1791 the Portuguese acquired Ponda, Zambaulim (i.e., the provinces of Embarbacem, Chandrovadi, Balli, Astagrar, and Cacora), Cabo de Rama and Canacora by treaty with the raja of Sonda, then a fugitive at Goa.

### 17. The Portuguese Provinces of the North.

Bassein and its territories were ceded to the Portuguese by Bahadur, king of Gujerat, in 1534. They

included Bassein district, the islands of Salsete, Trombay, Caranja, Elephanta, and Bombay. Daman with its territory was also granted to the Portuguese by the Gujerat Government. In 1559 Portugal took possession of the town and the district in the north as far as Bulsar and in the south down to the Bassein district. The Daman territory does not seem to have stretched farther inland than the foot of the hills which form the outlyers of the Western Ghauts.

In 1521 leave was obtained from the Nizam Shah to erect a fort at Chaul. The territory belonging to it does not seem ever to have been more than a very small strip of land between the fort and the estuary.

#### 18. India in 1605 A.D.

In 1504 Prince Baber, a descendant of Tamerlane and Chenghis Khan, acquired the kingdom of Kabul, and in 1522 added Kandahar to his possessions. At the invitation of Daulat Lodi, a discontented governor of the Punjab, and encouraged by Sanga, the rana of Chitor, Baber invaded India and defeated and killed Ibrahim Lodi in the first battle of Panipat (1526), occupied Delhi, and took Agra. The rana of Chitor at first offered him assistance with a view of recovering for himself the ancient Raiput supremacy over Hindustan. But discovering that Baber intended to establish an empire of his own, he turned against the invader and marched against him at the head of his feudal lords, but suffered a defeat at Sikri near Agra In the following year the important Rajput fortress of Chanderi was taken, and the opposition of the Hindus was crushed. Baber, before his death (1530), brought the whole of Hindustan under his power. Humayun, his son and successor, was, after nine year's reign, defeated at Baxar by Sher Shah, an Afghan, and Hindustan came once more under Afghan rulers from 1539 to 1555. Humayun fled to Persia, and re-established his authority in Afghanistan. 1555 he invaded India and, with the help of Persian troops, won the battle of Sirhind. He was succeeded by his son, the famous Akbar (1556-1605). In 1556 the second battle of Panipat was fought, in which the Afghan power in Hindustan was for ever broken and the Moghul supremacy established. In the course of his long reign Akbar conquered all Hindustan and extended his empire into the Dekkan. Gondwana, however, seems to have been only loosely connected with the Empire. Akbar gained over the Raiputs by inducing them to recognise him as their overlord. But the rana of Chitor, who had hitherto been the feudal superior of all the Rajputs, scorned the idea of acknowledging a suzerain and organised a resistance. Akbar attacked Chitor and forced it to surrender, while Udai Singh, the rana, fleeing to the Aravalli hills, founded Udaipur where he succeeded in maintaining his independence.1

Abkar divided his realm into provinces or "subahs" ruled by viceroys or "subahdars," while the districts were placed in the hands of deputies or "nawabs". The list of Abkar's provinces is as follows: 2—1. Kabul—2. Lahore—3. Multan—4. Delhi—5. Agra—6. Oudh—7. Allahabad—8. Ajmere—9. Gujerat—10. Malwa—11. Behar—12. Bengal—13. Khandesh—14. Berar—15. Ahmadnagar—16. Orissa—17. Kashmir—18. Sindh.

The four Dekkani sultans had hitherto lived in constant warfare among themselves and against the

<sup>&</sup>lt;sup>1</sup> Elphinstone, op. cit., books vii., viii., ix. <sup>2</sup>G. U. Pope, Text-book of Ind. Hist., iii., § 6, 28.

princes of Gujerat, Malwa, Khandesh, and Vijayanagar; but at length they became united against the mighty Hindu supremacy of the South, and at Talikot (1565) fought a decisive battle, which was followed by the utter and ruthless destruction of Vijayanagar. The surviving princes of the Vijayanagar dynasty retired first to Penaconda 1 and, when that security failed them, to Chandragiri. But their supremacy had passed away. They sank down to the level of merely local rajas, while one after another the chiefs of the south assumed their independence—only a few of them still nominally acknowledging the Vijayanagar kings as their overlords.

Berar was annexed by Ahmednagar in 1572 and Bidar by Bijapur in 1529.

Bijapur at Akbar's time was bounded on the north by the Nira river, and (before the southern conquests) extended along the coast from Bankot to Cape Rama; on the east the districts of Raichur (Eedgeer), Mulkaid, and Bidar divided it from Golconda; Akalkot, Naldrag, and Kalyan became frontier-provinces alternately overrun by the troops of the various adjacent states.<sup>5</sup> In the south the principal strongholds taken possession of were Adoni (Udni), Dharwar, and Bankapur; while many chiefs south of the Tungabhadra, as far down as Mysore (reduced in 1593) and Malabar (subdued in 1593), became tributary to the Adil Shah.<sup>6</sup>

The kings of Golconda also occupied large tracts

<sup>&</sup>lt;sup>1</sup>R. Sewell, op. cit., p. 201. <sup>2</sup> Ib., p. 217.

<sup>&</sup>lt;sup>3</sup>The present raja of Anagundi in the Nizam's dominions is the modern representative of the royal house of Vijayanagar (R. Sewell, op. cit., pp. 215, 216).

<sup>&</sup>lt;sup>4</sup> M. Taylor, op. cit., p. 809.

Grant Duff, History of the Mahrattas, i., pp. 65-66.

<sup>&</sup>lt;sup>6</sup> Ferishta (Scott, i., pp. 300-304, 328-329).

south of the Kistna, as Karnul, Gandikot, Nandial, etc., stretching probably as far south as the river Pennar.

Though Akbar had reduced Ahmadnagar and imprisoned its lawful prince, Malik Amber, an Abyssinian nobleman, set up a rival prince and governed in his name the remaining territory of the Nizam Shahi dynasty, holding his own against the imperial armies. He founded the town of Kirki (afterwards Aurangabad), but his chief stronghold was Daulatabad. The boundaries of his territories were continually shifting, but seem to have extended to the Arabian Sea.

In 1589 Ibrahim Kuth Shah founded the town of

Haidarabad.2

### 19. India in 1700 A.D.

Map 15 shows the utmost limits of the Moghul Empire under Aurangzib (1658-1707).

In 1637 the last remnant of the Ahmadnagar kingdom was annexed by Shah Jehan (1627-1658). Aurangzib conquered Bijapur in 1686, Golconda in 1687, and all the territory south of the Kistna which had

been dependent on these two kingdoms.3

Still Aurangzib was unable to overcome the disorders which prevailed in his vast realm. The Rajputs and the Jats near Agra were in open hostility.<sup>4</sup> The Moghul army was so demoralised that Vakinkera, a small mud-fort in the Dekkan, could only be subdued after the arrival of the emperor himself; and even then the chief who held it contrived to escape to

<sup>&</sup>lt;sup>1</sup>R. Sewell, *op. cit.*, p. 218.

<sup>2</sup> Ib., p. 218.

<sup>3</sup> See also map 17.

<sup>4</sup> Elphinstone, *op. cit.*, p. 668.

Shorapur.¹ Kabul was always waiting an opportunity to throw off its allegiance.² The Polygars in the south paid tribute only under compulsion.³ The Mahrattas were plundering and burning Malwa, Gujerat, and the Dekkan, which by incessant warfare had been reduced almost to a desert. The Moghul armies took fort after fort from the Mahrattas, but the latter were constantly retaking them, and Aurangzib with his degenerated troops was unable to subdue these stalwart warriors, who, when hard pressed, retired to their mountain fastnesses and defied generals, princes, and emperor alike.

Thus the overthrow of Bijapur and Golconda, which had so long kept down the Mahrattas (or Bergis), proved fatal to the Moghul empire, and enabled the Mahratta kingdom to rise on its ruins during the

following century.

The year 1700 is a convenient time for enumerating the European possessions so far acquired in India.

The Portuguese were the first on the scene. From the landing of Vasco da Gama in 1498 near Calicut to the appearance of the Dutch and English at the end of the 16th and the beginning of the 17th century, they had a monopoly of trade between Europe and India. They took Goa in 1510, fortified Chaul in 1521, acquired Diu, Bassein, and the Bombay islands in 1534, and Daman in 1559,<sup>4</sup> all of which except Bombay they still possessed in 1700.

The chief settlements of the Dutch founded in the 17th century were: Negapatam, Sadras, Pulikat, Bimli-

patam, and Cochin.5

Although the English East India Company (founded

<sup>&</sup>lt;sup>1</sup> Elphinstone, op. cit., p. 668; Meadows Taylor. op. cit., p. 356. <sup>2</sup> Ib., pp. 683, 634. <sup>3</sup> See notes to 21.

<sup>4</sup> See notes to 15-17.

<sup>&</sup>lt;sup>5</sup> G. U. Pope, op. cit., vii., 4.

1600) had established factories at Surat (1611), Calicut, Masulipatam, and other places, they built their first fort (St. George) at Madras only in 1639. Bombay, given in 1661 to Charles II. as part of the marriage portion of Catherine of Braganza, was finally handed over to the English East India Company in 1669. Fort St. David (south of Madras) was acquired by purchase in 1691. In 1696 the villages of Chuttanatti, Calcutta, and Govindpur were purchased from Azim-u-Shan, Aurangzib's grandson.

In 1700 the French possessed Masulipatam (1669),

Pondicherry (1674), and Chandarnagar.<sup>5</sup>

At about the same time the Danes held Tranquebar and Serampur.<sup>6</sup>

# 20. To illustrate the Early Mahratta History.

Maharashtra, the country of the Mahrattas, is bounded on the north by the Satpura mountains, and extends from Nandod on the west along those mountains to the Wainganga, east of Nagpur. The boundary follows the western bank of that river up to its confluence with the Wardha, whence it may be traced up the east bank of the Wardha to Manikgarh and then westward to Mahore. From this last place it passes in an irregular line to Goa. On the west the country is bounded by the ocean. The space about Surat, Broach, and Rajpipla, where Gujerati is spoken, may

<sup>&</sup>lt;sup>1</sup> The site was obtained by Mr. Francis Day from Sri Ranga Raya II. of Chandragiri, a descendant of the Vijayanagar kings (R. Sewell, op. cit., p. 221).

<sup>&</sup>lt;sup>2</sup> Danvers, *The Portuguese in India*, ii., pp. 331, 348. <sup>3</sup> G. U. Pope, op. cit., viii., 6. 4 Ib., vii., 6.

<sup>&</sup>lt;sup>5</sup> *Ib.*, v., 7. <sup>6</sup> *Ib.*, vii., 5.

be excluded by drawing an imaginary line from Daman to the middle of Nandod district.1

The people of this country first rose into notice in the 17th century under Sivaji and became very powerful in the 18th century under the Peshwas.

The following notes are chiefly confined to territorial details :---

The enam<sup>2</sup> of the Bhonsle family (from which Sivaji sprang) was at Verole near Ellora caves. Shaji Bhonsle first commanded a party of horse in the service of Mortiza Nizam Shah, sultan of Ahmadnagar, then entered the service of the emperor Shah Jehan, and eventually, in 1637, that of the Bijapur king.8 by whom he was confirmed in the possession of his family jaghir 4 which consisted chiefly of Puna and Sopa.5 For eminent service rendered by him in the Carnatic, the districts of Indapur. Baramati, and several of the Mawals, i.e., mountain-valleys near Puna, were added to his jaghir in the Dekkan.6 In the Carnatic Shahji acquired in jaghir Kolar, Bangalore, Uscota, Balapur and Sira, and held likewise, in jaghir or otherwise, Arni, Porto Novo, and Tanjore. Shahji died in 1664.

Shahji's son Sivaji, born in 1627, was brought up

<sup>&</sup>lt;sup>1</sup> Grant Duff, History of the Mahrattas, i., p. 3. The spelling of names is altered.

<sup>&</sup>lt;sup>2</sup> Land free from all rent to Government.

<sup>&</sup>lt;sup>3</sup> Grant Duff, op. cit., p. 100.

<sup>4</sup> Jaghirs are lands or assignments of revenue. There are two kinds. "The one is military, the other personal; the former is for the purpose of maintaining a body of troops for the service of the state, the latter is for the support of an individual or family. A jaghir is never, like an enam, entirely freehold; some service can by the original tenure be required " (Grant Duff, op. cit., ii., 638).

<sup>&</sup>lt;sup>5</sup> Grant Duff, op. cit., i., p. 101. <sup>6</sup> Ib., p. 104. <sup>7</sup> Ib., pp. 168, 238.

Wishing to become independent, he led at Puna. forth his hardy Mawalis and occupied the fort of Torna in 1646, built Rajgarh in 1647, obtained Kondaneh (to which he gave the name Singarh) in the same year, and in 1648 took ten other forts, among which were Lohgarh and Raimach.1 As the Bijapur government now made Shahji responsible for the conduct of his son and kept him for years a prisoner at large at Bijapur, Sivaji abstained for a time from further aggressions.2 But on his father's release in 1655 he began again to capture existing hill forts and to erect new ones.3 When Aurangzib made war on Bijapur in 1657, he accepted Sivaji's services, allowed him to keep what he already possessed of Bijapur territory and at the end of the campaign even agreed to the Konkan being transferred to his management.4 In 1659 Panalla surrendered and Vishalgarh was taken In 1660 Sivaji took Dabul and its dependencies, and in 1662 occupied the territory of the deshmukhs of Wari.7

In 1662 Sivaji held sway over the Konkan from Kalyan to Goa, and the Ghauts (or Konkan-Ghaut-Mahta) from the Bhima to the Warna.8 On the death of his father in 1664 Sivaji assumed the title of raja and struck coins in his own name. He also possessed a fleet at that time.9

In 1665, as a result of an unsuccessful war with Aurangzib's generals, Sivaji relinquished whatever forts or territory he had taken from the Moghuls, and of the thirty-two forts taken or built by him on Bijapur territory he was only allowed to keep twelve, with the

1

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., pp. 101-118.

<sup>&</sup>lt;sup>5</sup> Ib., p. 148.

<sup>8</sup> Ib., op. cit., p. 160.

<sup>&</sup>lt;sup>6</sup> *Ib.*, p. 149.

<sup>4</sup> Ib., pp. 135-138.

<sup>&</sup>lt;sup>7</sup> *Ib.*, p. 158. <sup>9</sup> *Ib.*, pp. 168-169.

rest of his possessions as jaghir under the Emperor. He obtained, however, permission from Aurangzib to collect the fourth and the tenth of the revenue 1 in certain districts of Bijapur.<sup>2</sup> Sivaji soon recovered his lost possessions: Puna, Chakun, and Sopa in 1667,3 Singarh, Purandhar, Lohgarh, Karnala, Maholi, and Kalvan district in 1670.4 In 1668 Golconda, and in 1670 Khandesh, agreed to pay chauth to the Mahrattas.5 In 1670 the forts Aundha, Pattah, Salher were taken, and a Moghul force defeated near the latter place.<sup>6</sup> In 1672 many polygars in the northern Konkan were forced to join Sivaji.7 same year Siyaji retook Panalla, Satara, Parli, and other forts, and sent his fleet to reduce Karwar. Ankola and other places.8 In 1674 he defeated the Bijapur army, assumed the insignia of royalty, and was enthroned at Raigarh.9 In 1676 he again took possession of the open country between Panalla and Tattora, and protected it by a series of forts (Vardangarh, Sadashivgarh and others).10

In 1677 Sivaji invaded the Carnatic, took Vellore, and recovered all his father's jaghirs (Kolar, Bangalore, Uscota, Balapur, Sira), but in 1678 restored them all to his brother Venkaji on condition of receiving a share of the revenue. In 1679 a Moghul army invaded Bijapur, but being hard pressed by Sivaji was forced to retreat. For this timely service Sivaji was given the country round Kopal and Bellari and the sovereignty over Tanjore, his father's jaghir, and all

<sup>&</sup>lt;sup>1</sup> Called respectively "chauth" and "surdeshmukhi" by Sivaji (Grant Duff, op. cit., p. 177).

<sup>&</sup>lt;sup>2</sup> Grant Duff, op. cit., i., pp. 176-177. <sup>4</sup> Ib., pp. 204-208. <sup>5</sup> Ib., p. 188. <sup>6</sup> Ib., p. 188. <sup>7</sup> Ib., p. 214. <sup>8</sup> Ib., p. 219. <sup>8</sup> Ib., p. 219. <sup>9</sup> Ib., p. 221.

<sup>&</sup>lt;sup>10</sup> *Ib.*, p. 228. <sup>11</sup> *Ib.*, pp. 287-240.

<sup>18</sup> Ib., pp. 244-248.

the conquered districts in the south.1 On the 5th

April, 1680, Sivaji died.

To sum up with Grant Duff.2 "Sivaji, at the time of his death, was in possession of the whole part of the Konkan extending from Gandavi to Ponda; with the exception of Goa, lower Chaul, Salsette, and Bassein, belonging to the Portuguese; 3 Janjira in possession of the Abyssinians; and the English settlement on the island of Bombay. He had thannas 4 in Karwar, Ankola, and several places on the coast, where he shared the districts with the deshmukhs.5 The chief of Sonda acknowledged his authority, and the rana of Bednor paid him an annual tribute. Exclusive of his possessions around Bellari and Kopal, his conquest in Drawed (i.e., south of India), his supremacy as well as share in Tanjore, and the jaghir districts of his father in the Carnatic, Sivaji occupied that tract of Maharashtra from the Hiranyakeshi river on the south, to the Indrayani river on the north, between Puna and Junir. The districts of Sopa. Baramati, and Indapur were occasionally held, and always claimed by him as his paternal jaghir; and the line of forts, built from Tattora to Panalla, distinctly mark the boundary of his consolidated territory to the eastward. He, however, had a number of detached Singnapur, at the temple of Mahdeo, was his hereditary enam village; the fort of Parneira, near Daman, was rebuilt by Moro Trimmul; and his

<sup>3</sup> The strip of land from Bassein to Daman also belonged to the Portuguese.

<sup>5</sup> A kind of intermediate agents between the village patel and the raja (Grant Duff, op. cit., p. 31).

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., p. 248. <sup>2</sup> Ib., p. 253.

<sup>&</sup>lt;sup>4</sup> Military posts at which the inferior revenue officers are stationed to protect the country, aid the police, and collect the revenue (Grant Duff, op. cit., p. 148).

garrisons and thannas occupied a great part of Buglana, and several strong places in Khandesh and Sangamnere."

### 21. Mysore, the Dominions of Chick Deo Raja Wadeyar, 1704 A.D.

Map 21 represents the growth of Mysore during 180 years, i.e., from 1524 till 1704. Since the downfall of Vijayanagar (1565) the chiefs of Mysore had been extending their power more and more by taking towns, forts, and villages, but had remained in some form of subjection, either to the viceroy of Vijayanagar who resided at Seringapatam, or to the Bijapur government, or to the Moghuls. A detailed list of the places taken may be found in Wilks's History of Mysore (vol. i., pp. 28-37, 131-132). Of the acquisitions of Chick Deo Raja (1672-1704) no fewer than fortyeight are enumerated. Among these Bangalore is the most important, though its possession seems to have been disputed by the chief of Sira. Not all the names of these places have been included in the map of Mysore; the boundaries of that state have, however, been traced according to their position on Mackenzie's map in Wilks's History of Mysore.

The map shows also the political condition of India south of the Kistna and Tungabhadra at the beginning of the 18th century. The southernmost part of the Moghul Empire consisted then of two subahs, Haidarabad and Bijapur. To these belonged Haidarabad Carnatic and Bijapur Carnatic, which were subdivided into Bala Ghaut and Payeen Ghaut, so as to distinguish the countries above and below the passes.

<sup>&</sup>lt;sup>1</sup> M. Wilks, History of Mysore, i., pp. 134-137.

Haidarabad Carnatic Bala Ghaut comprised: Cumbum, Guti, Gandikot, Sidhaut, Gurramconda. Haidarabad Carnatic Payeen Ghaut consisted of the whole country from Guntur to the Coleroon along the Coromandel Coast. This is afterwards known as the province of Arcot.

Bijapur Carnatic seems to have consisted of Bala Ghaut provinces only.2 The more important districts were Sira, Bangalore, Harpanhalli, Conderpi, Anagundi, Bednor (Nagar), Chitaldrug, and Mysore. The chiefs of most of these districts paid tribute under compulsion only.

The districts of Adoni (Udni), Ghazipur (Nandial), and Savanur Bankapur belonged to the province of

Bijapur (not Carnatic).

The two Carnatics were governed by Zulfikar Khan till the death of Aurangzib, but they were in an unsettled condition.

### 22. To illustrate the Wars between the English and French in the Carnatic, 1746-1763 A.D.

Nizam ul Mulk, originally viceroy of the Dekkan and Carnatic provinces of the empire, had since 1723 become practically independent, though, even while waging war against the emperor, he professed obedi-

1 These, Gurramconda excepted, afterwards form the state of the nawab of Kurpa (Cuddapah), whose possessions extended along the back of the eastern Ghauts including most of the Baramahal (see maps 22 and 24).

Its Payeen Ghaut, including Vellore, Ginji, Tanjore (which was still held by the Mahrattas), and Trichinopoli, so far as it might be deemed a dependency, seems to have been included in the Haidarabad Carnatic Payeen Ghaut (Wilks, i., 136).

ence to him. He claimed sovereignty over the states and principalities south of the rivers Tungabhadra and Kistna, while the Mahrattas demanded tribute from the same. Many of these states were almost independent, and their chiefs assumed the title "nawab".1

The territory of the nawab of Arcot consisted of Haidarabad Paveen Ghaut, and extended, after the acquisition of Trichinopoli and Madura (1732), down to Cape Comorin.<sup>2</sup>

The whole of Haidarabad Carnatic Bala Ghaut enlarged to the south, formed the principality of the nawab of Kurpa (Cuddapah).3

In 1743 Nizam ul Mulk recognised Morari Rao, the

Mahratta, as chief of Guti.4

The Patan chiefs of Karnul and Savanur also claimed the title nawab.5

The rang of Bednor seems to have been in possession of a considerable portion of the western Ghauts and the west coast.6

South of Bednor were the rajas of Coorg, Travancore, Cochin, and the chiefs of Malabar, all independent.

In Mysore sham rajas were nominated by Hindu and Muhammadan usurpers. Dindigul was acquired by this state in 1745.8

The boundaries of the possessions of the Patan

<sup>2</sup> Wilks, op. cit., p. 154. <sup>3</sup> Ib., p. 141.

<sup>7</sup> Wilks, op. cit., p. 145. 8 Ib., p. 214.

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., i., p. 481.

Grant Duff, op. cit., p. 505.
When annexed by Haidar (1768), Bednor extended to the <sup>5</sup> Wilks, op. cit., p. 163. west over the maritime province now named Kanara, and east to Hilalkera, twenty miles from Chitaldrug. As towns of this state are mentioned: Onore (Honawar), Mangalore, and Mudgiri (Wilks, op. cit., p. 276).

nawab of Savanur and the raja of Sonda, cannot be clearly ascertained.<sup>1</sup>

The country between Bednor, Kurpa, Mysore, Savanur, and Guti was probably subject to the chief of Sira.

The Mahrattas were continually encroaching from the north and west on the dominions of the Nizam. The frontier line to the west was ill defined. Northwards the Painganga formed (in 1751) the boundary. The districts along the east coast from the Chilka lake to the Gundakamma were called the Northern Circars.

From this time the province designated Arcot on the map, begins to be called "the Carnatic," and its ruler nawab of the Carnatic or of Arcot.

This was the group of states among which the English and French competed for supremacy in India. Except for two intervals of peace, each lasting three years, the contest was carried on without intermission from 1746 to 1763.

### 23. India in 1751 A.D.

In 1751 the Moghul Empire had crumbled to pieces. At this time three powers were making their influence felt in India:—the Afghans, the French, and the Mahrattas.

After Nadir Shah's assassination (1747) an Afghan chief Ahmad Shah Abdali became ruler over Afghanistan, Balkh, Sindh, and Kashmir.<sup>2</sup> In 1751 the emperor ceded to him the Punjab.<sup>3</sup>

Nizam ul Mulk (or Asaf Jah), whose independence

<sup>&</sup>lt;sup>1</sup> In those unsettled times the frontiers of the many little states were continually shifting.

<sup>2</sup> Elphinstone, op. cit., x., pp. 793-734.

<sup>3</sup> Ib., p. 737.

in the provinces south of the Narbada had been acknowledged by the emperor, died in 1748. His death gave the French an opportunity of interfering in Indian Dupleix, who was then governor of Pondicherry (the chief French settlement in the south), managed so skilfully, that in 1751 he was acknowledged governor of all the country from the Kistna to Cape Comorin. The Nawab of Arcot was under his authority, and Bussy, with a French army, represented French interests at the Nizam's court at Aurangabad. Thus French influence was supreme in the south. At this time the English power was of but little account, being confined to the towns of Calcutta, Bombay, Madras, Fort St. David, and Devicota.

The Mahrattas had, especially under the vigorous administration of the Peshwas, extended their authority over the Konkan and the western part of the Dekkan down to the Tungabhadra. Berar, Gondwana, and Cuttack including Balasor (since 1751) were under the Mahratta chief Raguii Bhonsle, who in 1751 occupied the territory as far south as the Godaveri.1 Hindustan the territory of the Peshwa was bounded by the Ganges, while the Chambal formed the northwestern boundary of the country ceded by Nizam ul Mulk in the convention of Seronji (1738).2 While the Mahrattas held the sovereignty over the countries just mentioned, they exercised another not less important influence over the whole of India. They had either obtained by imperial grant or assumed the right to collect chauth, i.e. the fourth part of the revenue, in Gujerat, the Dekkan, and the south of India, the provinces of Lucknow, Patna, and Bengal, Allahabad. Agra, and Aimere. Yet the Mahrattas, at this time.

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., i., pp. 501, 534.

<sup>3</sup> Ib., i., pp. 461, 502.

formed no united government. Ram Raja at Satara was a merely nominal raja, the actual power having been usurped by Balaji Baji Rao (1740-1761), his Peshwa or Prime Minister, who resided at Puna. Again the Peshwa's power was much curbed by powerful Mahratta chiefs, the principal of whom were Raguji Bhonsle of Berar, Anand Rao Power of Dhar, Damaji Gaekwar, Mulhar Rao Holkar and Ranoji Sindia in Malwa. Thus we can at the most speak only of a "Mahratta Confederacy".

At Mysore Nunjeraj, a Hindu minister, was the actual ruler, the raja being a mere figure-head. Its limits had by this time been extended towards the south.1

There remained under the emperor's direct authority. only the upper Doab or country between the upper courses of the Ganges and Jumna, the country between the Jumna and the Sutlej, and Gujerat, which was still 2 under a dependent Moghul vicerov. The Raiputs were virtually independent under the leadership of the rana of Udaipur and the rajas of Jodhpur and Jaipur.8

Oudh had become independent under Saadat Khan in 1724, Bengal and Behar under Aliverdi Khan in 1740, and Rohilkhand, the country east of the upper Ganges, was occupied by Ali Mahomed and his Afghans in 1744.4

### 24. Haidar's Dominions in 1780 A.D.

In 1780 Mysore, the government of which had, since 1760, been usurped by Haidar, may be said to

Bombay Gasetteer, Gujerat, p. 385. 4 Ib., iii., 15. Pope, op. cit., iii., 15.

<sup>&</sup>lt;sup>1</sup> Wilks, op. cit., pp. 173, 214. See also map 22 for the geography of the south of that period.

For the construction of map 24 the excellent map in Wilks's Mysore has been used.

have reached its largest extent. The map also shows the principal places of note during this aggressive period of Mysore history. To appreciate the extent of Haidar's conquests it should be compared with map 22.

Haidar's territory extended northwards to the river Kistna, westwards to the Arabian Sea, southwards to Dindigul, and eastwards, for the most part, to the edge of the eastern Ghauts. His tributary chiefs were the polygars of Harpanhalli, Kanakgiri, Raidrug, and Anagundi, and the raja of Cochin.

### 25. To illustrate the Four Mysore Wars, 1784 A.D.

To avoid overcrowding the previous map, another one has been drawn to show the noteworthy places mentioned in the history of the four Mysore wars between Haidar and the English, as well as the political position of the South Indian powers at the beginning of the conflict. For territorial changes resulting from this struggle the student should consult maps 27 and 28.

# 26. The Principal Mahratta States in 1795 A.D.<sup>2</sup>

Map 27 represents all the Mahratta States by one colour, thus showing the extent and power of the Mahrattas as a confederacy. Map 26 on the other hand specifies the territories held by the leading

<sup>&</sup>lt;sup>1</sup> Wilks, op. cit., i., 267-410.

<sup>&</sup>lt;sup>2</sup> The authorities for this chapter are: C. U. Aitchison, A Collection of Treaties, etc., Relating to India; J. Grant Duff's History of the Mahrattas; the Central Provinces Gasetteer, and the new edition of the Imperial Gasetteer of India, Prov. Series.

Mahratta chiefs, over which they gradually acquired sovereign power, as the supreme authority of the Peshwa waned away. Yet only the larger portions of territory have thus been indicated, for it would be more confusing than instructive to mark all the smaller portions of land which one chief held in the territory of another.

The Peshwa then administered not only most of that part of the present Bombay Presidency which lies south of Gujerat and the Satpura Range, but also the lands comprised in the present districts of Sagar, Damoh, Jabalpur, and Mandla in the Central Provinces and large tracts in Bundelkhand. He claimed tribute from the princes of Bundelkhand (excepting Orchha) and Baghelkhand, and shared with the Gaekwar the tribute which the chiefs of Kathiawar were forced to pay.

Sindia's possessions in 1795, besides the territories which he now has, extended over the country between the Jumna and the Ganges (Upper Doab) and north of Jodhpur and Jaipur. Broach had been granted him by the English in 1782, and Ahmadnagar fell into his hands in 1795 after Madhu Rao's death. South of the Narbada he possessed the western portion of the present district of Hoshangabad, the district of Nimar with Asirgarh and Burhanpur, and the eastern portion of Khandesh. Dholpur, Bari, and Rajakhera in Rajputana were enam-lands of his. Gujerat he owned the Panch Mahals and in Rajputana, Ajmere. He exacted tribute from Udaipur, Jodhpur, and Kotah in Rajputana and from Rajgarh, Ratlam, Kilchipur, and Sitamau in Malwa. Of these only the two latter are still tributary to his successor.

Holkar owned, in addition to the territories he now possesses, the lands now forming the principality of Tonk, part of the present state of Kotah, and places north of the Bundi hills. He levied chauth from Udaipur, Jaipur, Jodhpur, Kotah, Bundi, and Karauli in Rajputana and from Narsinghgarh and Jhabua in Malwa.

Bersia, the northern district of Bhopal, then belonged to the Puars of **Dhar**, to whom the following principalities paid tribute:—Banswara and Dungarpur in Rajputana, and Ali Mohun (the present Ali Rajpur).

Bhonsle's territories extended over the greater part of the present Central Provinces, except such portions over which the Peshwa held sway, Berar, Cuttack, and Balasor. The chiefs of the Orissa hill tribes, of the Sarguja group of states, of Bastar, Nandgaon, Khaira-

garh, and Kawardha paid him tribute.

The Gaekwar's possessions were composed not only of his present dominions but also of the lands round Ahmadabad and the Gulf of Cambay, which were ceded to the English in 1805. The chiefs of Palanpur and Kankrej, of Mahi Kanta and Rewa Kanta, almost the whole of Gujerat, were tributary to him. He had a share in the Kathiawar tribute and farmed the Peshwa's share of tribute in Kathiawar and Ahmadabad.

### 27. India in 1795 A.D.

The series of maps 27-31 shows the decline of the Mahratta and the rise of the British power in India.

In 1795 the boundaries of the Mahratta Confederacy reached their farthest extent. But the same year saw the Mahratta chiefs united for the last time under the banner of the Peshwa at Kurdla.

In 1752 Bhonsle of Nagpur withdrew his garrisons beyond the Painganga, thus restoring the territory

between that river and the Godaveri to the Nizam.1 In 1757 Ahmadabad was finally taken by the Mahrattas, and Guierat and Kathiawar were henceforth tributary to the Gaekwar, whilst Cutch remained independent.2 In 1760, after the battle of Udgir. the Mahrattas by treaty acquired from the Nizam several forts, and amongst them Daulatabad, Asirgarh, Bijapur, Ahmadnagar, and certain districts which included the provinces of Bijapur, Bidar, and Aurangabad, excepting however the last-named city.3 In the north the provinces of Delhi and Agra were annexed in 1789 and the Moghul Emperor was entirely in the hands of Sindia.4 The Raiputs were made tributary to Sindia in 1792.5 In the south the Mahrattas by the treaty of Seringapatam (1792), received some districts between the Kistna and the Varadha.6

The Nizam's dominions were considerably reduced. They were bounded on the north by the Painganga and Godaveri rivers, and on the east by the Northern Circars. In the south, however, they had been enlarged. By the treaty of Seringapatam (1792), Cumbum, Cuddapah (Kurpa), Gandikot, and districts between the lower Tungabhadra and the Kistna had been given to the Nizam.

The Afghans under Zaman Shah (1793-1800) still held the Punjab, Kashmir, and Sindh. In 1780 Bahawal Khan of Bahawalpur was forced to acknowledge the Afghan suzerainty.7

The nawabvizier of Oudh with the help of the

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., i., p. 540.

<sup>2</sup> Bombay Gasetteer, Kathiawar, p. 304, Cutch, p. 150.

<sup>3</sup> Grant Duff, op. cit., i., pp. 593-594.

<sup>4</sup> Ib., ii., p. 212.

<sup>5</sup> Ib., ii., p. 250. Cf. notes to map 26.

<sup>6</sup> Ib., ii., p. 244.

<sup>&</sup>lt;sup>7</sup> Malleson, Native States of India, p. 348.

British had added to his dominions the country occupied by the Rohillas.

The three Presidency towns, Madras, Bombay, and Calcutta, had become growing centres of British influence, and under men like Clive, Warren Hastings, and Cornwallis, the English possessions had assumed considerable dimensions. In the south a life-and-death struggle between the English and the French had ended with a total defeat of the latter. Bankot, south of Bombay, the command of that river, and ten villages were ceded by the Peshwa to the English in 1756.1 The Northern Circars—comprising Kondapalli, Ellore, Rajamahendri, and Chicacole-were taken from the French, and their acquisition was confirmed by imperial grant from Shah Alum, 1764.2 In 1765 the district of Chengalpat was ceded to the English by the nawab of the Carnatic. In the same year Bengal, Behar, and Orissa were granted by Shah Alum II.4 In 1775 the district of Benares, including Chanar and Ghazipur, were handed over by Shuja ud Daulah of Oudh. In the west Bassein had been conquered and the island of Salsette acquired.6 Guntur was ceded by the Nizam in 1788.7 In 1792 the provinces of Baramahal, Dindigul, and Malabar were acquired through the treaty of Seringapatam; 8 thus Tippu's territories were considerably reduced.

The nawabvizier of Oudh was an ally of the English, and the nawab of Arcot was under their protection.

<sup>&</sup>lt;sup>1</sup> Grant Duff, op. cit., i., p. 571.

<sup>&</sup>lt;sup>2</sup> Pope, op. cit., iii., 16. <sup>3</sup> Ib., Intro., 29. <sup>4</sup> Ib., ix., 28. <sup>5</sup> Ib., x., 11; Rennel, Memoir of a Map of Hindustan, p. cxvi.

<sup>6</sup> Grant Duff, op. cit., ii., p. 138.

<sup>&</sup>lt;sup>7</sup> Pope, op. cit., x., 21. <sup>8</sup> Ib., x., 22.

#### 28. India in 1805 A.D.1

If map 27 fairly represents the political state of India before the arrival of Wellesley, map 28 shows the country after the administration of that distinguished statesman (1798-1805).

The power of Tippu had been for ever crushed in the fourth Mysore war (1798-1799), and the districts of Kanara, Coimbatore, Wainad, and the Nilgiri Hills were annexed by the English. The Nizam in 1800 ceded the districts of Bellari and Cuddapah, and all the territories to the south of the Tungabhadra and to the south of the Kistna below the junction of those two rivers, which had been part of his share in the cessions after the third and fourth Mysore wars. for the maintenance of a subsidiary force. They are henceforth known as the "Ceded Districts of Haidarabad". In 1800 a dispute arose as to the succession in Tanjore. Wellesley being called upon to arbitrate annexed the state. In 1801 the nawab of Oudh was forced to cede, for the maintenance of a subsidiary force, the districts of Allahabad, Fatehpur, Cawnpur, Azamgarh, Gorakhpur, Bareilly, Moradabad, Bijnaur, Budaun, and Shahjahanpur, called the "Ceded Districts of Oudh". In the same year (1801) the Carnatic was annexed to the British possessions, because the late nawab had frequently put obstructions in the way of the Marquis of Wellesley, and had held treacherous correspondence with Tippu. From 1802-1803 the second Mahratta war was fought; the English, the Peshwa, and the Nizam being on one side, with

<sup>&</sup>lt;sup>1</sup> The letterpress to maps 28-31 has been compared with and revised according to the data given by C. U. Aitchison in A Collection of Treaties, Engagements, and Sanads Relating to India and Neighbouring Countries, 3rd ed., Calcutta, 1892. 11 vols.

Bhonsle of Nagpur and Sindia on the other. Bhonsle and Sindia were defeated all along the line. treaty of Dewalgaon, 1803, the raja of Nagpur ceded to the British and their allies the province of Cuttack, including Balasor, the territory west of the Wardha river and south of Gawilgarh. Narnala, Gawilgarh, and some districts south of these forts were, however, restored to Bhonsle. By the treaty of Sirii Arieniaon. 1803. Sindia ceded to the British and their allies his territories between the Jumna and Ganges, all the territory situated north-east of the Rajput states, and the districts and towns of Broach and Ahmadnagar, Of these territories, the Nizam received the whole tract west of the Wardha and south of the hills on which stand Gawilgarh and Narnala down as far as the Godaveri, whilst the Peshwa received the district and fort of Ahmadnagar. Territories in Bundelkhand contiguous to the British possessions and yielding thirty-six lakhs of rupees, were ceded by the Peshwa for the maintenance of a subsidiary force in 1803.

The British supremacy had been recognised in the following states: Kuch Behar in 1772, Cochin in 1791, Haidarabad in 1798, Mysore in 1799, Baroda in 1802, Rampur in 1801, the Peshwa's dominions in 1802, Sindia's dominions in 1804, Travancore in 1805, in Bhartpur, Alwar, and Dholpur between 1802 and 1806.

The Amirs of Sindh and the Sikhs had by this time acquired independence. The Sikhs on the right bank of the Sutlej were ruled by Ranjit Singh who, in 1798, had been appointed governor of Lahore by the Afghan king, but had gradually assumed independence.

Bahawalpur was independent in 1805, Kashmir was still ruled by the Afghans. The Gurkhas of Nepal had been steadily extending their territory to the west. In Cutch anarchy prevailed.

In 1805 the English were at war with Holkar on behalf of the Rajputs, their allies.

### 29. India in 1823 A.D.

After the period of conquests and treaties under the Marquis of Wellesley a period of reaction set in. A large section of the British nation was opposed to the aggressive policy of the late governor-general. Hence the alliance with the Rajputs was given up and Holkar and Sindia were allowed to exact chauth from them. The governor-general received strict injunctions not to enter upon any fresh war and not to interfere in the quarrels of native princes.

Under Lord Minto (1807-1813), however, the old policy began to revive. The Sikh states on the left bank of the Sutlej placed themselves under British protection, 1809, rather than become subject to Ranjit

Singh.

Then followed the administration of the Marquis of Hastings (1813-1823). Under him, after a hardfought campaign against the Gurkhas (1814-1816), Nepal was reduced to its present dimensions by the treaty of Segauli. At this time the principal Mahratta states were disaffected and intriguing against the English. Bands of robbers, Pindharis, were ravaging central India and making frequent inroads on the territory of the British and their allies. They were sheltered and abetted by the Mahratta princes. Peshwa first rose against the English in 1817. short campaign ended with the annexation of the territories of the Peshwa, who was sent a state prisoner to Bithur on the Ganges. After the defeat of his army at Mehidper, Holkar was forced, by the treaty of Mandeswar, to renounce his rights to Tonk

Rampura, Bundi, and all other places north of the Bundi hills. Subsequently, however, Sir G. Barlow restored to him Rampura and the territory north of the Bundi hills. The principality of Sagar was likewise annexed. Sindia, who had been intriguing against the English with the Nepal ministry, was forced to cede the district of Ajmere and to renounce his claims of tribute on the Rajputs. Apa Sahib of Nagpur was

after a short campaign deposed.

The British supremacy was recognised in all the Rajput states in 1817, 1818, and 1823; in the Malwa states: Bhopal (1817), Indore (1818), Dewas (1818), Jaora (1818), Dhar (1819); in Bundelkhand: Orchha, or Tehri (1812), Rewa (1813), Samptar (1817); in Kolhapur (1812); in Sawantwadi (1819); in Cutch (1816 and 1819); in Kapurthala (1809); in Garhwal (1820). In Kathiawar the British acquired the Peshwa's share in the supreme authority in 1817 and the Gaekwar's rights in 1820.

### 30. India in 1848 A.D.

Map 26 shows India at the commencement of Lord Dalhousie's administration, 1848.

Under Lord Amherst, after the first Burmese war (1824-1826), the Burmese government ceded Arakan and Tenasserim, and gave up its claims to Assam, Cachar, and Jaintia (see map 32). Coorg and Karnul were annexed in 1834 and 1841, because their rulers became insane and oppressed the people. Sindh was annexed after the Sindh campaign in 1843. In 1845 the Sikhs made an unprovoked attack on the British possessions. Hard-fought battles took place at Mudki, Firuzshar, and Sobraon, but at last the victorious English entered Lahore, the capital of the Sikhs, and

a peace was concluded in 1846. The Jalandhar Doab, i.e., the country between the Bias and Sutlej, was annexed to the British possessions, and Kashmir made over to Golab Singh, a prominent Sikh leader, who agreed to pay the cost of the war. In 1832 Cachar lapsed to the sovereign power.

. The British supremacy was recognised by the following states: Bahawalpur in 1838, Mandi and Suket in 1846, Chamba in 1847, Kashmir in 1846.

Agra was constituted a distinct province under a Lieutenant-Governor, by Lord W. Bentinck in 1834.

### 31. India in 1856 A.D.

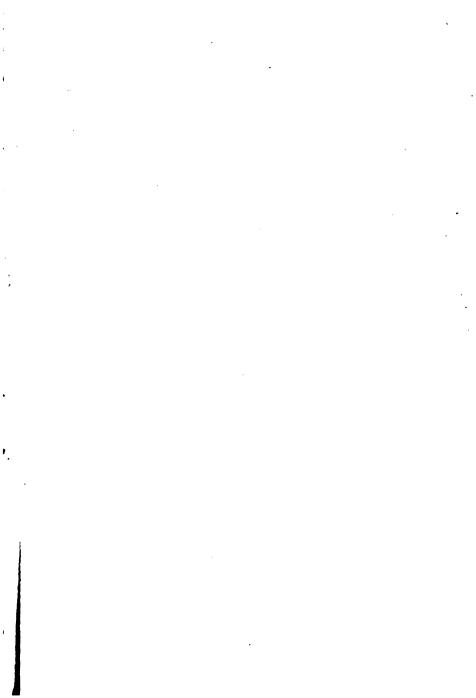
Under Lord Dalhousie (1848-1856) another period of annexation began.

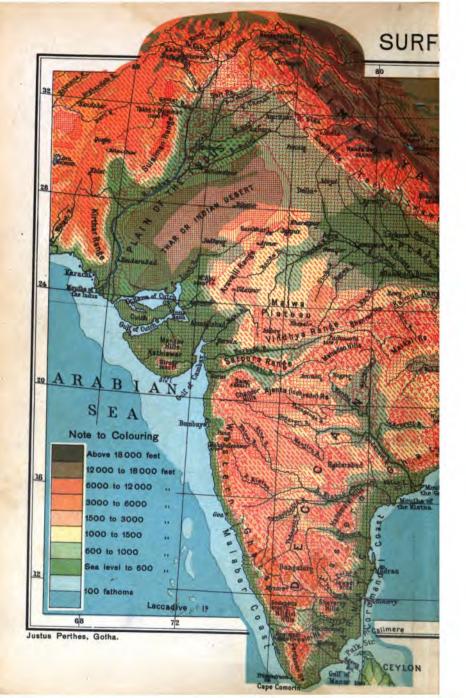
The power of the Sikhs was finally broken in the battle of Gujrat (1849) and the Punjab annexed. Satara lapsed to the paramount power in 1848, because the raja died leaving no natural heir. Pegu was annexed after the second Burmese war in 1853. Nagpur lapsed to the ruling power in 1853, there being no heir to the throne on the raja's death. Berar was assigned to the English as payment for the subsidiary force in 1853. Jhansi lapsed to the paramount power in 1853. Oudh was annexed in 1856.

### 32. The Growth of British Bengal, Assam, and Burma.

### 33. The Indian Empire in 1914 A.D.

Maps 32 and 33 are so clear as to need no explanation.



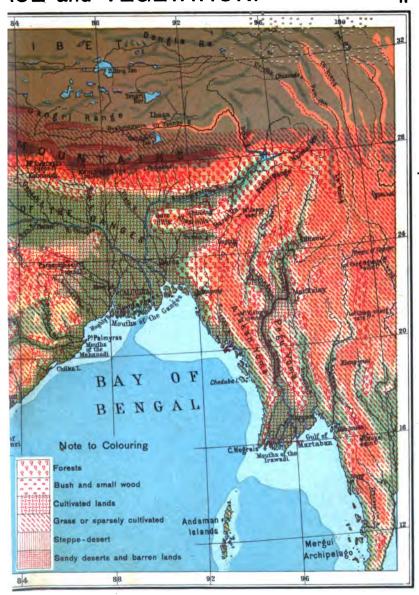


### **ICE** and **VEGETATION**.

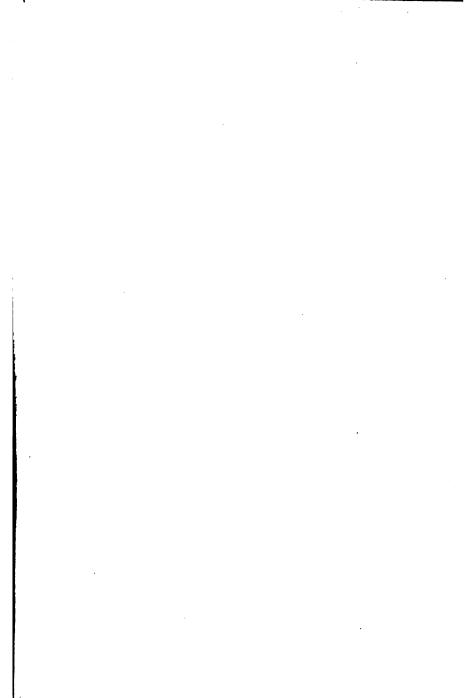
English Miles

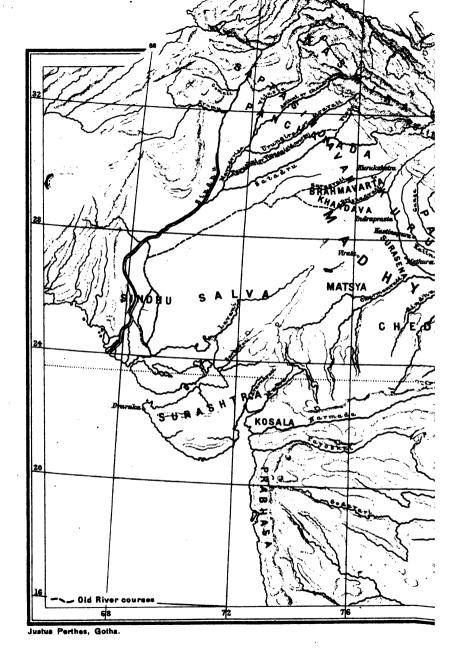
100

1

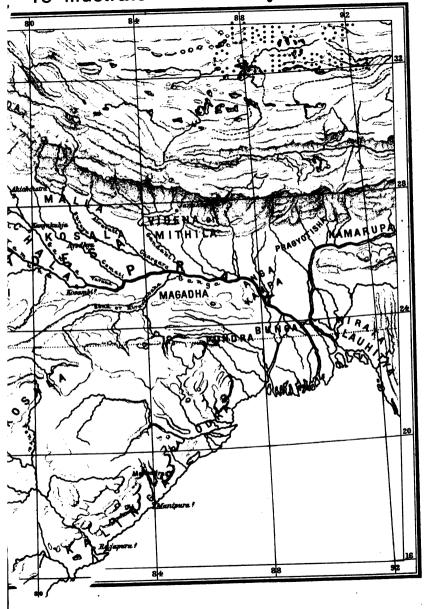


### TO MINI AMMOTERAD

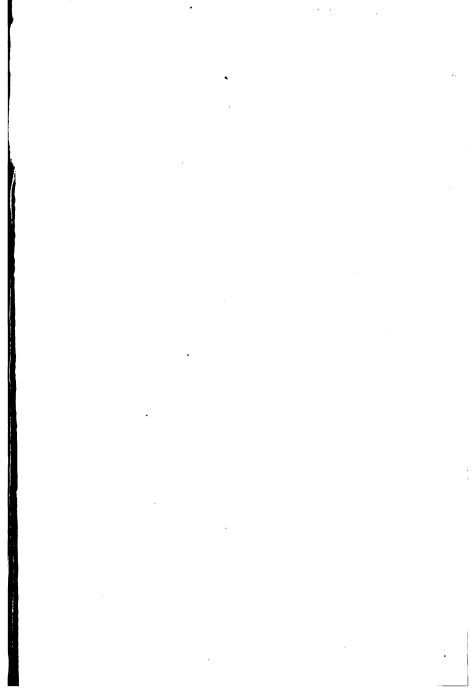




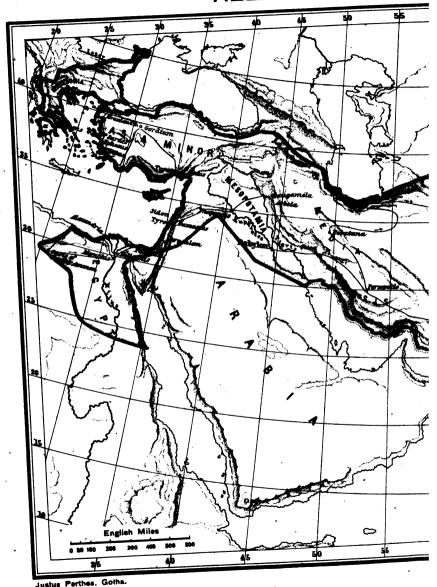
To illustrate Ancient Aryan India 2

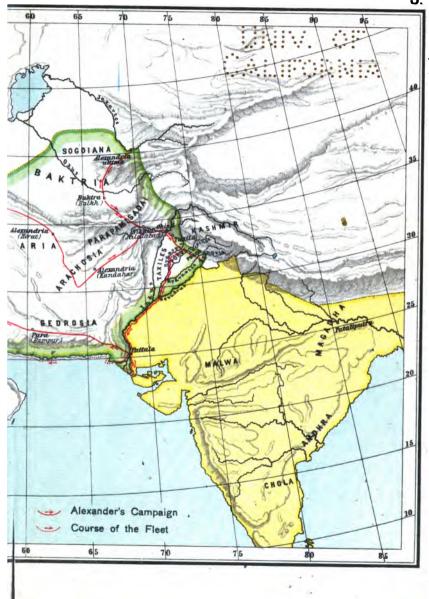


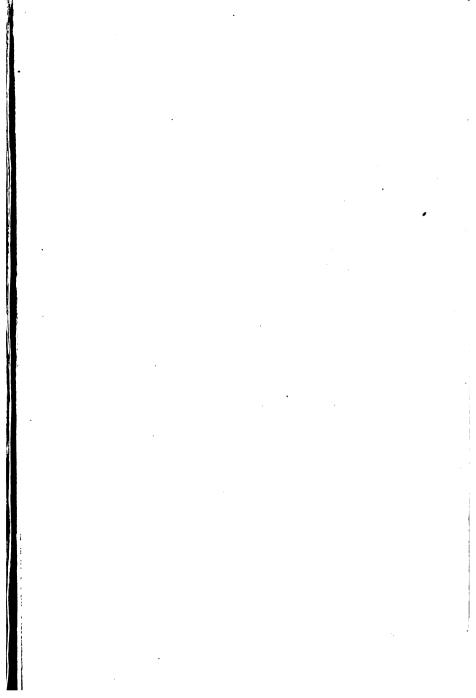
#### TO VINU AMACHIAD

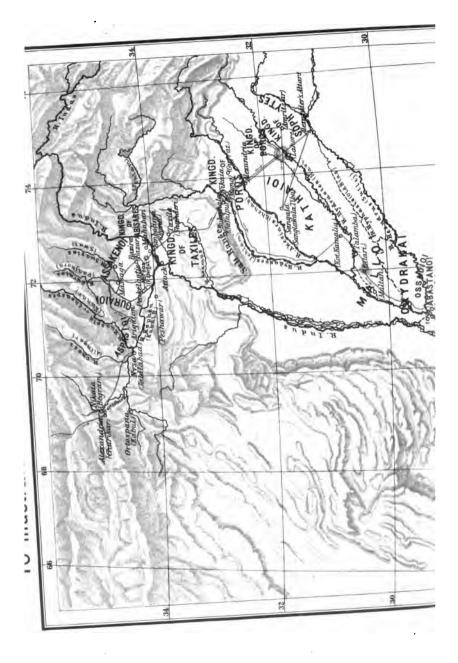


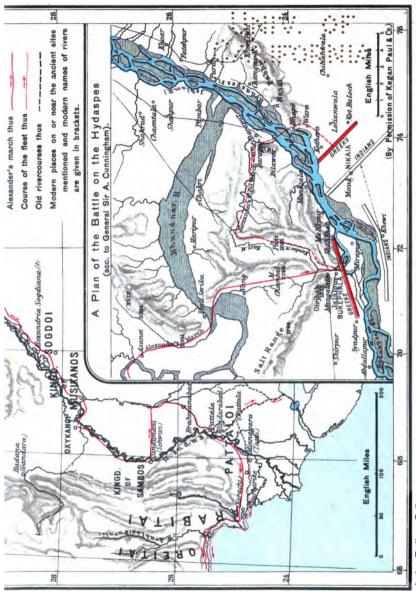
### ALEXANDER'S E





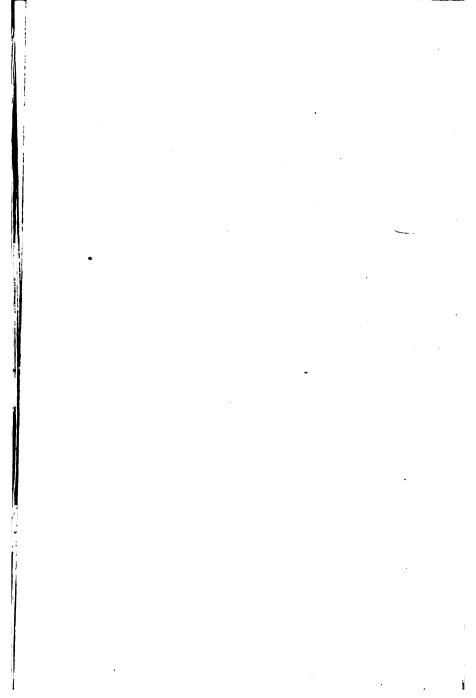






Justus Perthes, Gotha.

#### PO VIZI AMAGRIAO

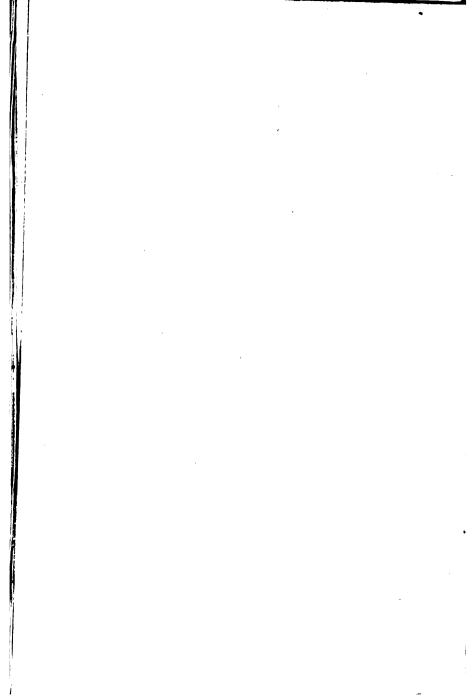


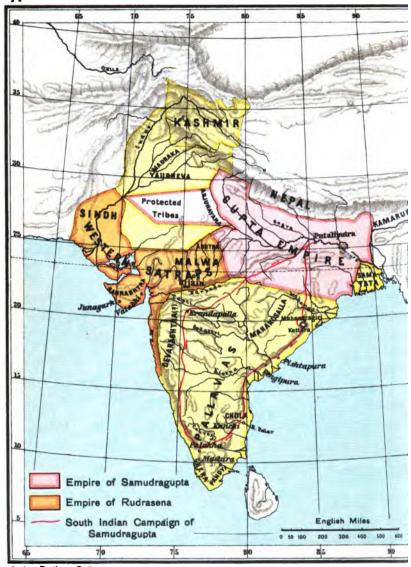


Justus Perthes, Gotha.

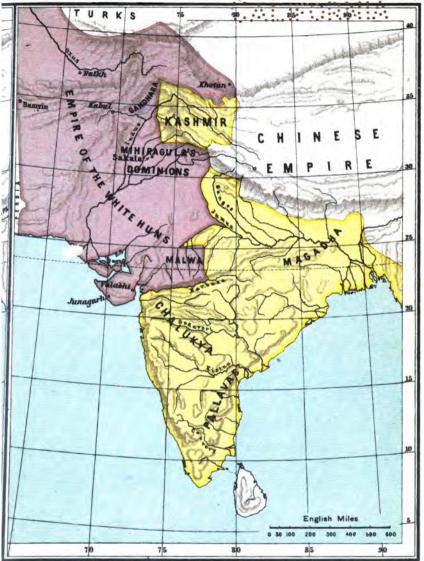




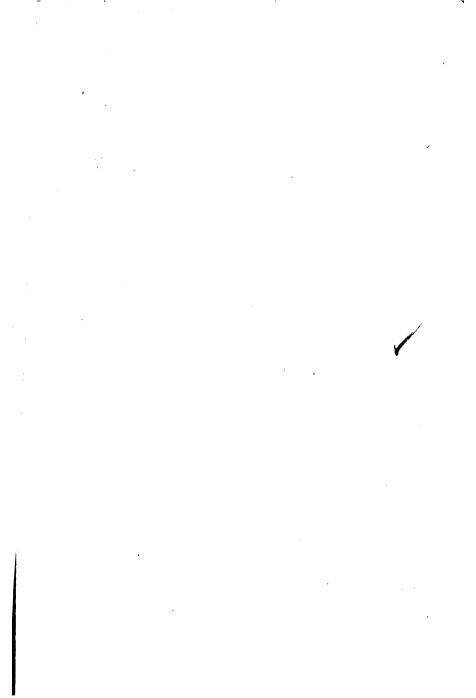


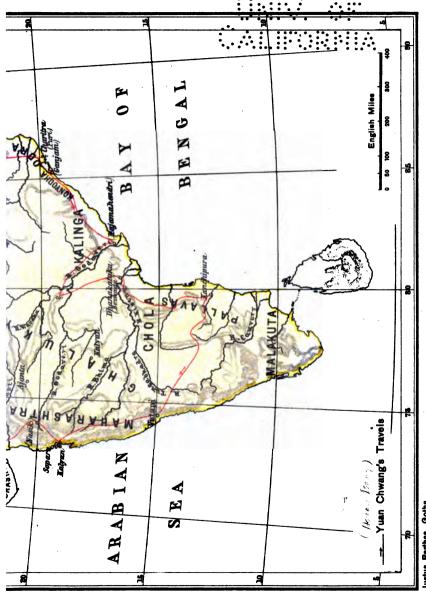


Justus Perthes, Gotha.

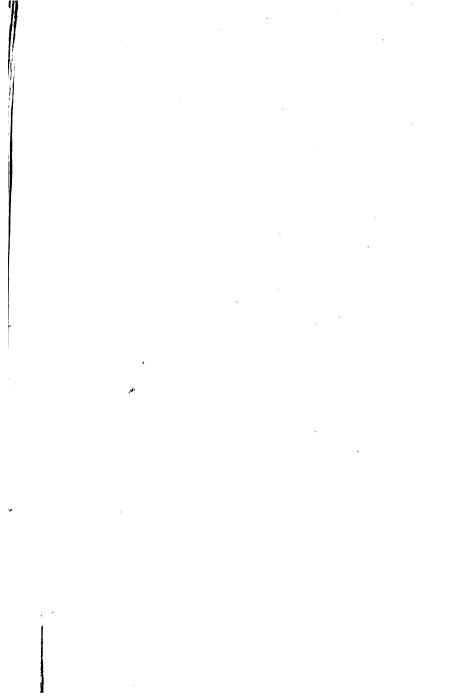


#### TO VINU AMACHIAD

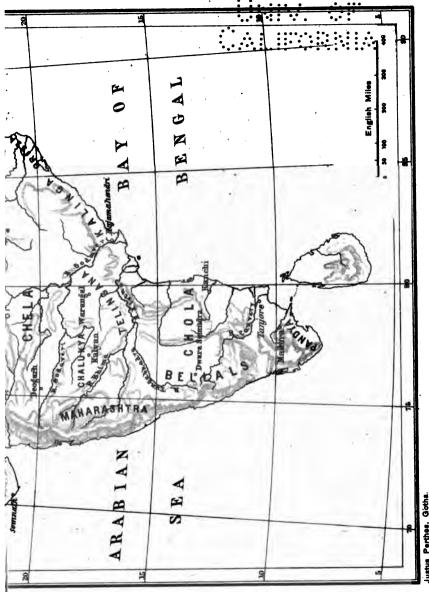




Justus Perthes, Gotha.



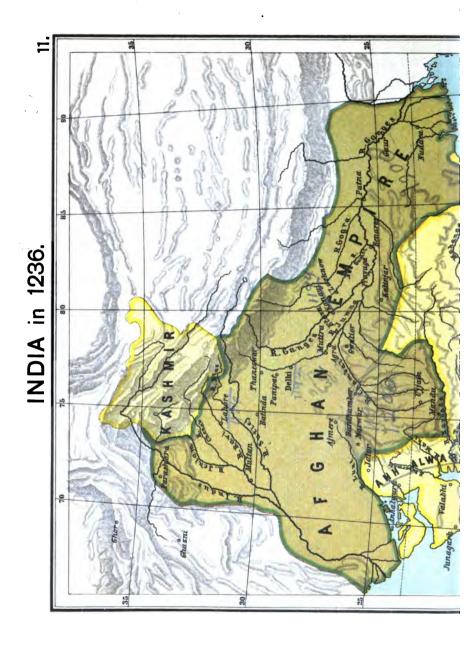
INDIA in 1022. (our to holomed gan) 10.

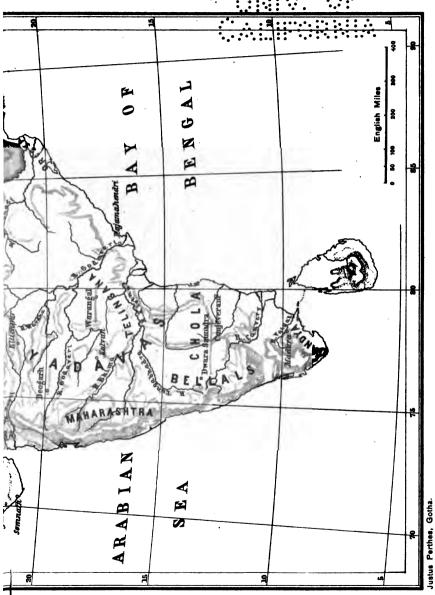


Justus Perthes, Gotha.

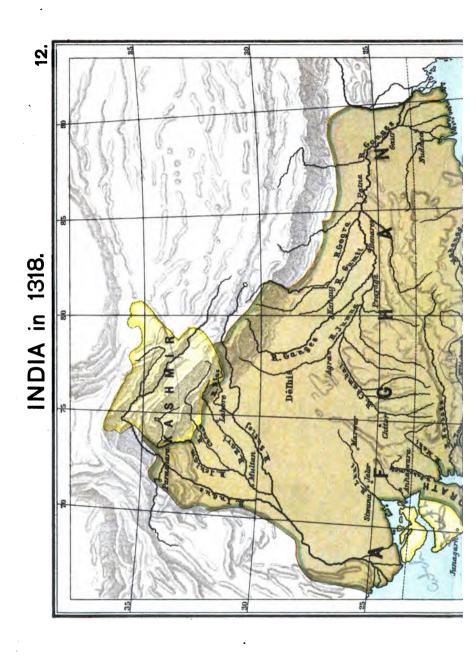
#### TO VIMU AMARTHIAD

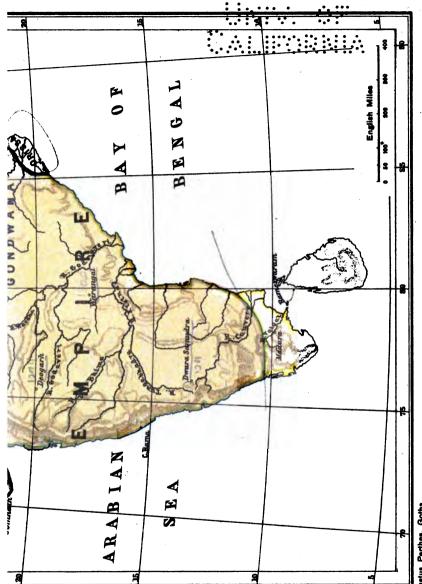
• • • 



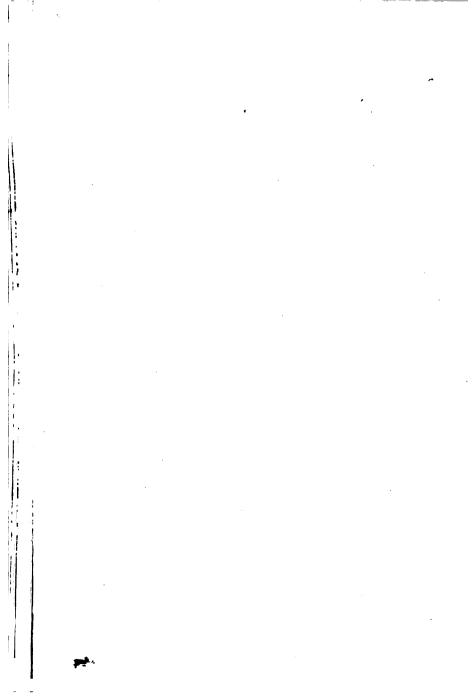


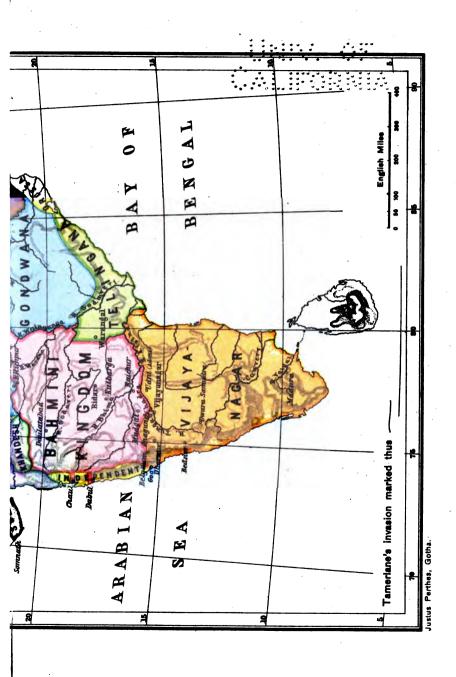




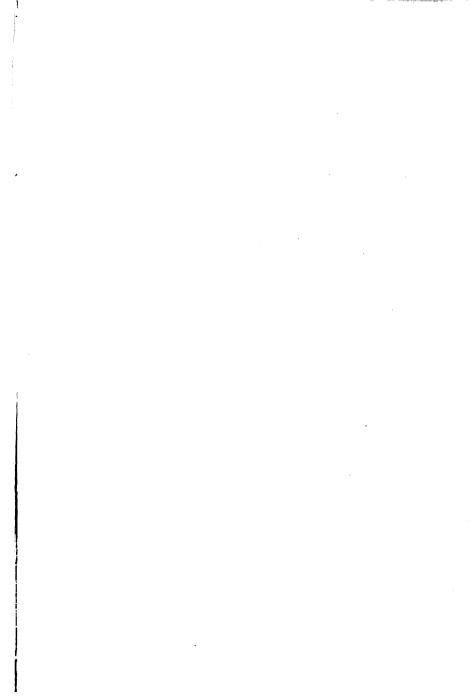


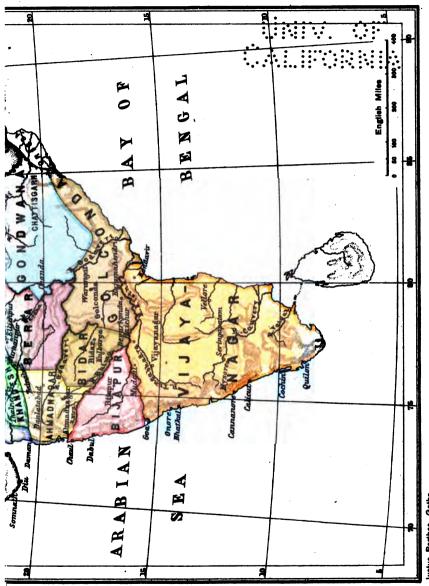
Justus Perthes, Gotha.





### TO VIAU AMACHIAO

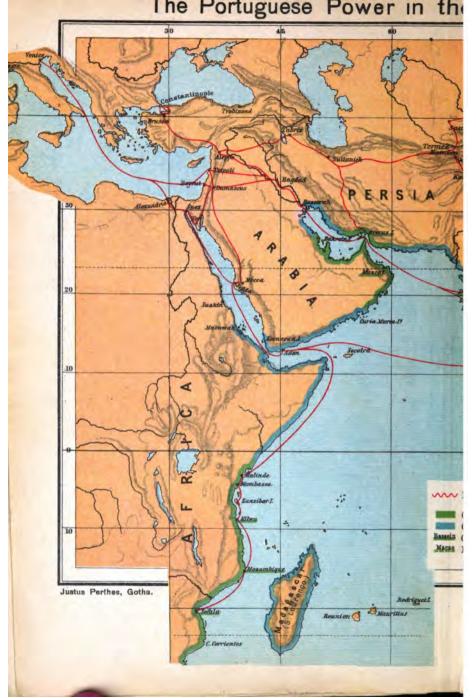


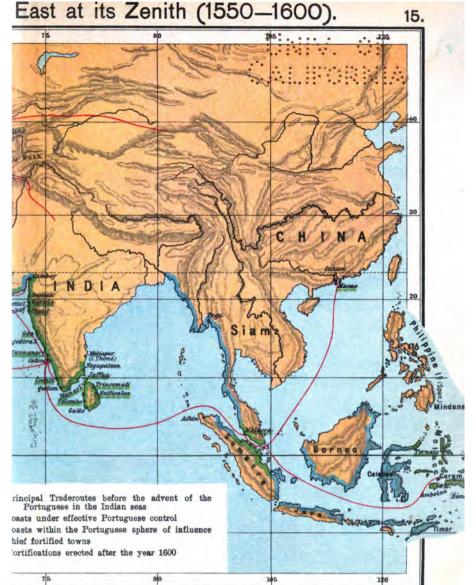


Justus Perthes, Gotha.

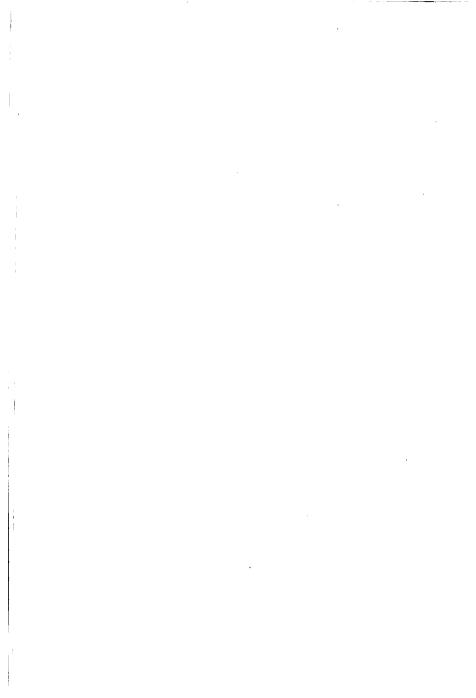
### NO VINI AMAGELAS

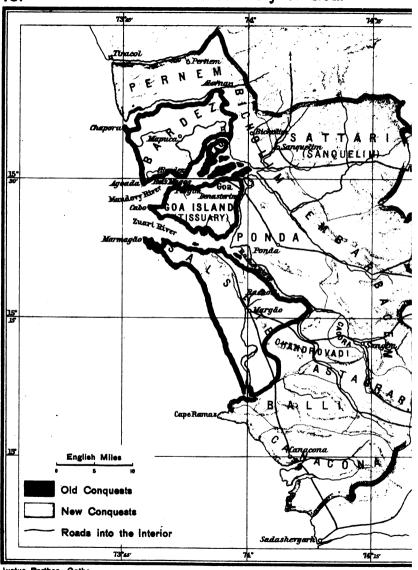
-. • .



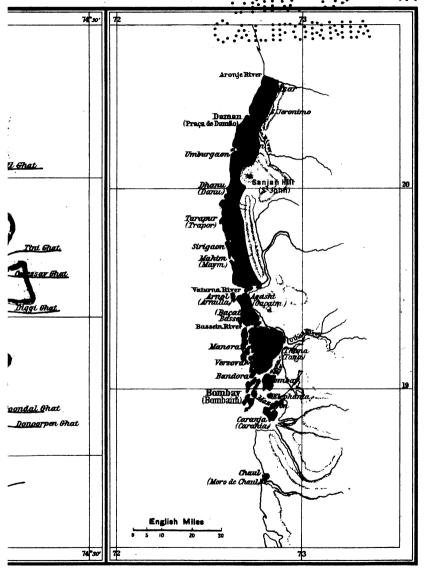


#### TO VIVI AMACHLAD

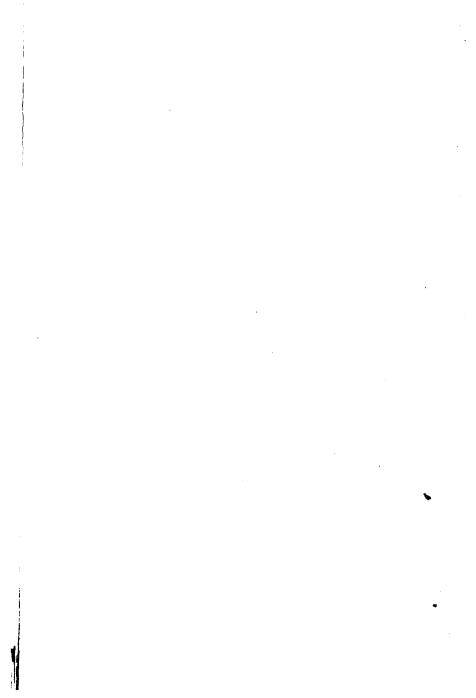


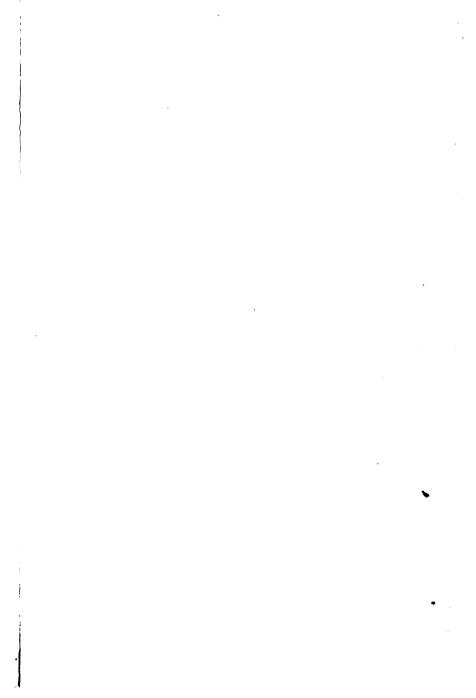


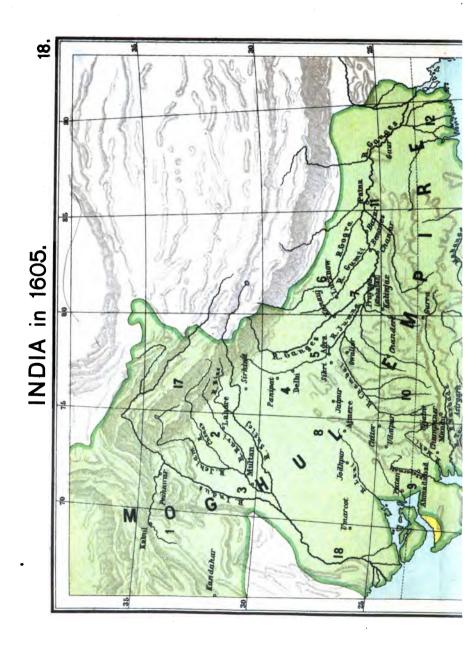
Justus Perthes, Gotha.

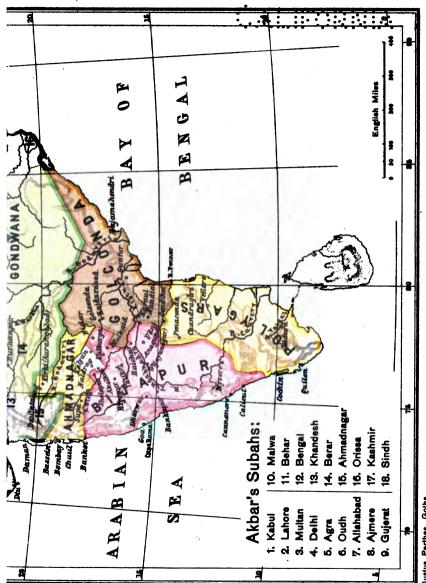


\_\_\_\_



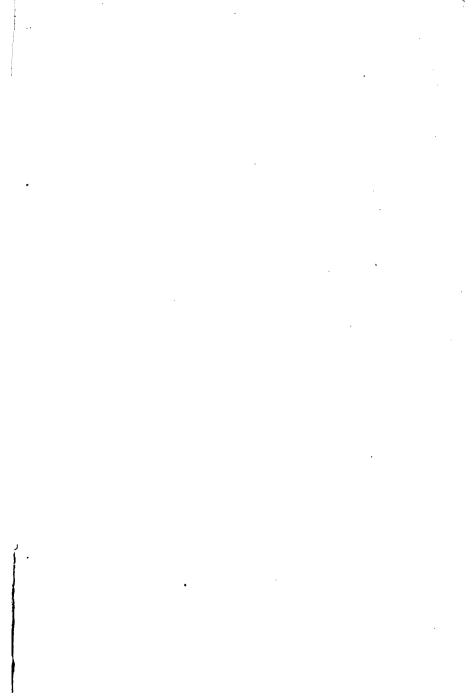


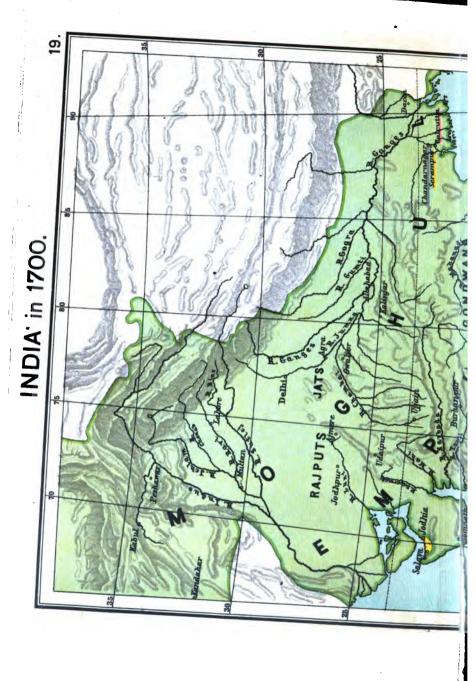


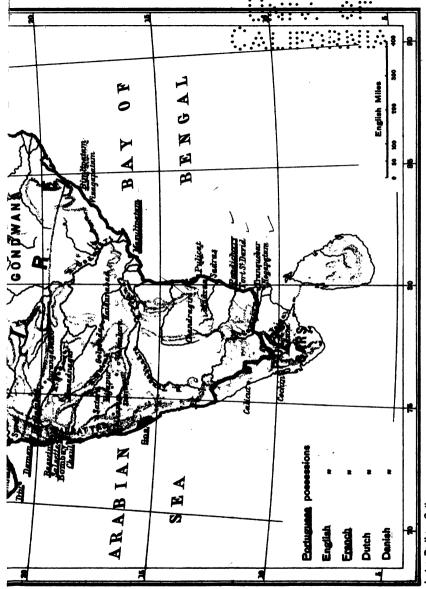


Justus Perthes, Gotha.

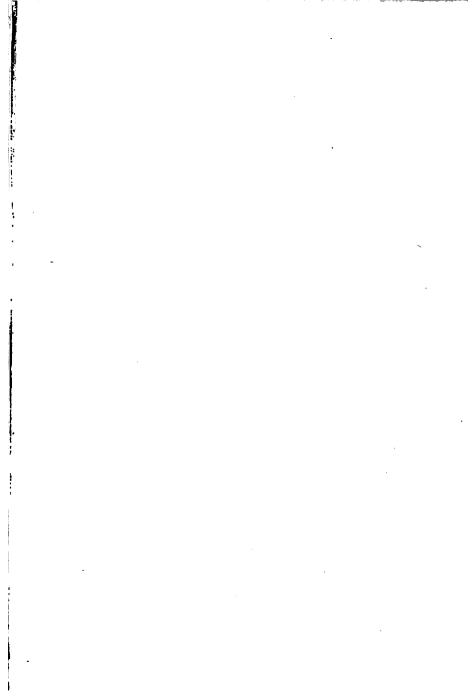
#### TO VINU AMMONIAD

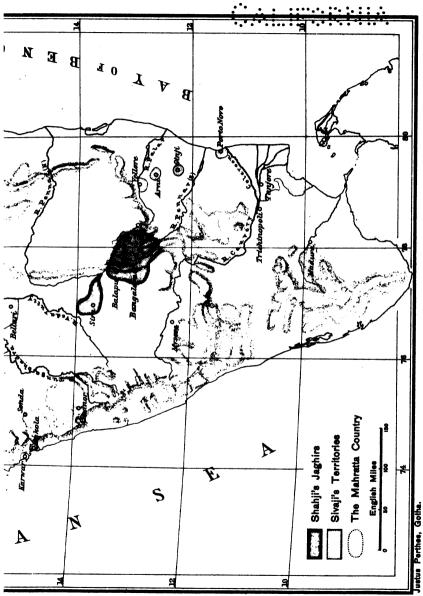


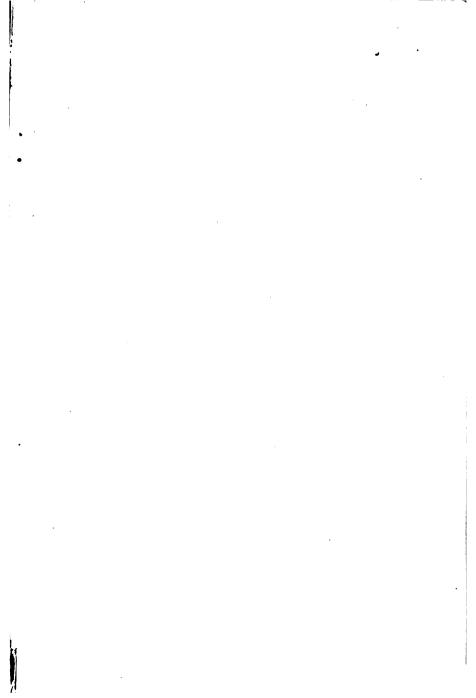




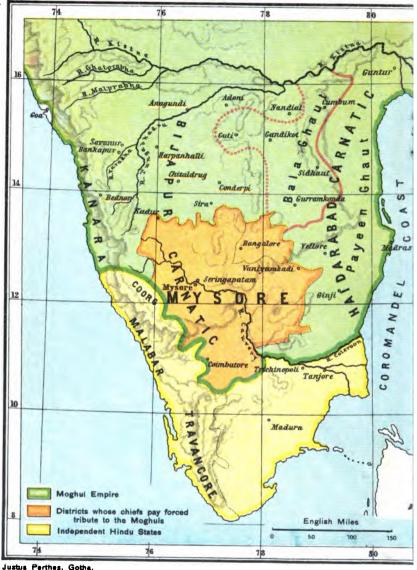
Justus Perthes, Gotha.



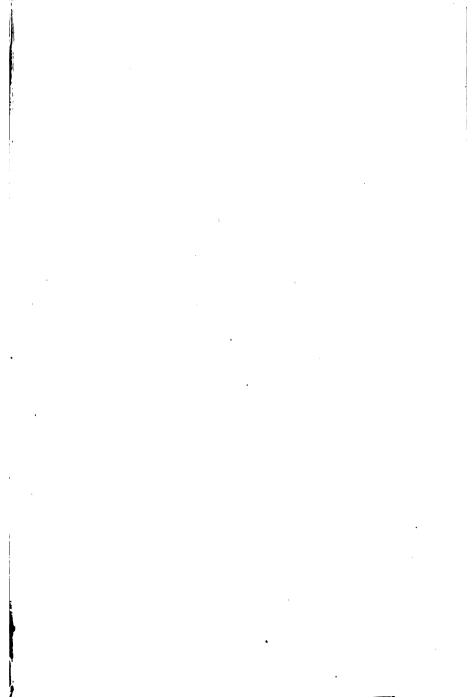


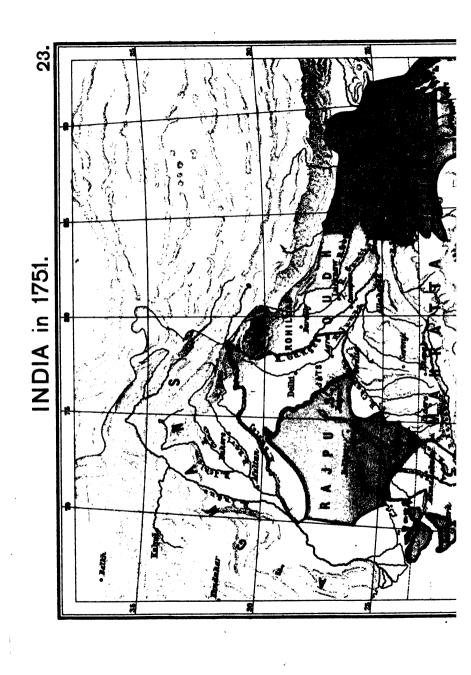


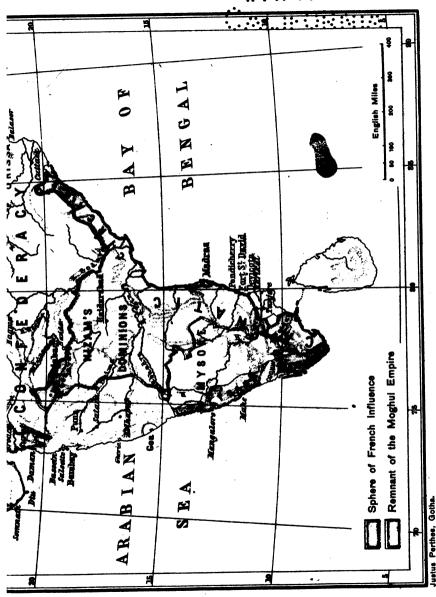
MYSORE, 21. The Dominions of CHICK DEO RAJA WADEYAR, 1704.







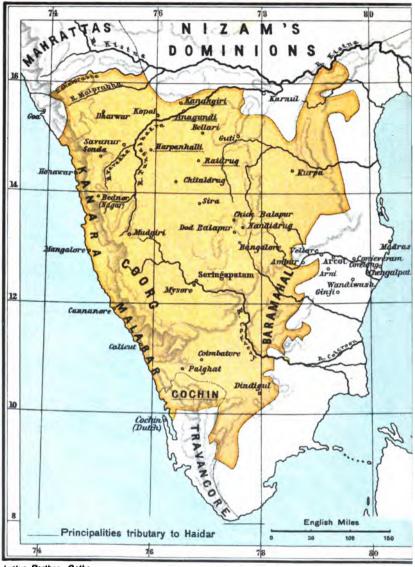




# 40 VIVI 4144041.40

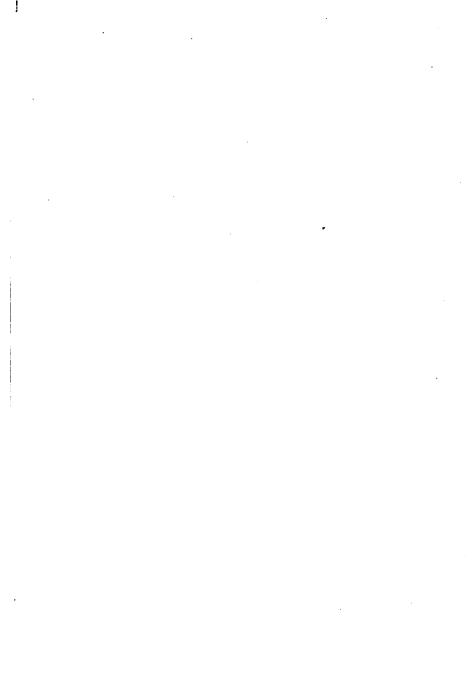


#### 24. HAIDAR'S DOMINIONS in 1780.

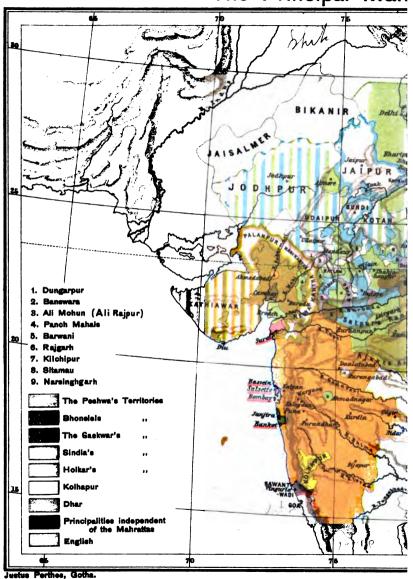


To illustrate the four Mysore wars. (178等) 25.

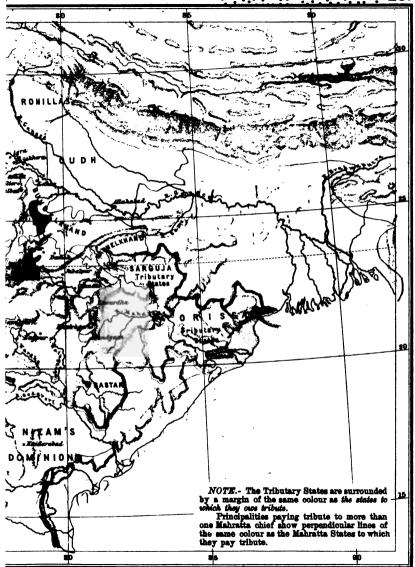




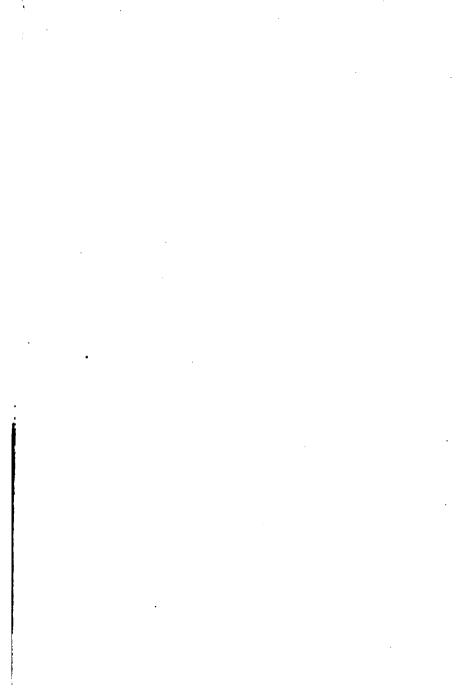
### The Principal Mah

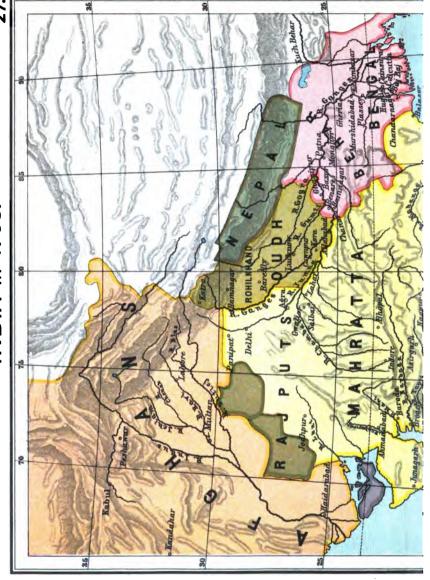


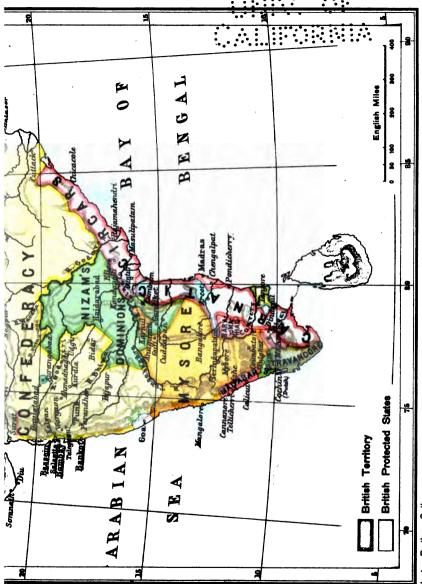
atta States in 1795.



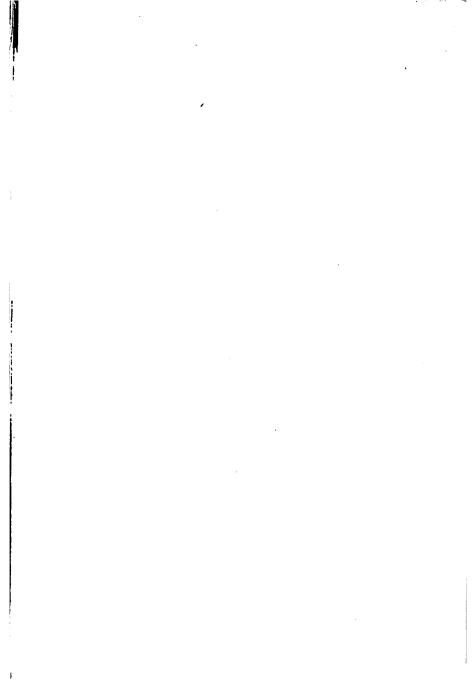
## TO VINU AMACHIAD

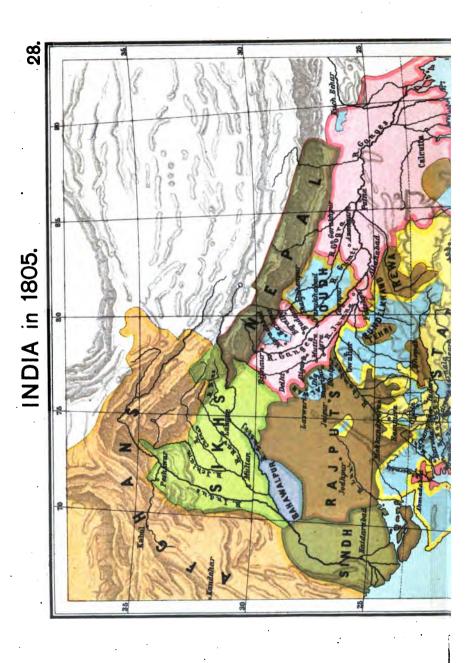


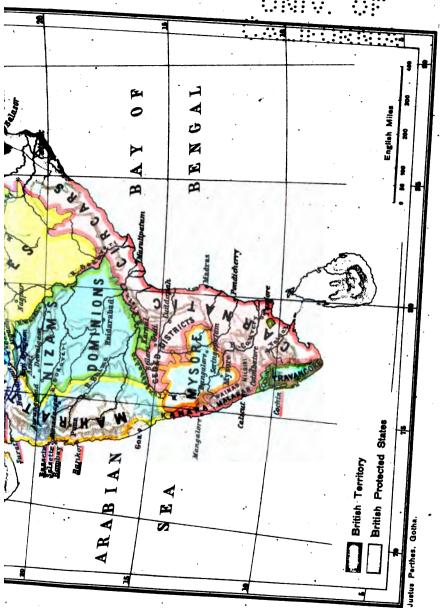




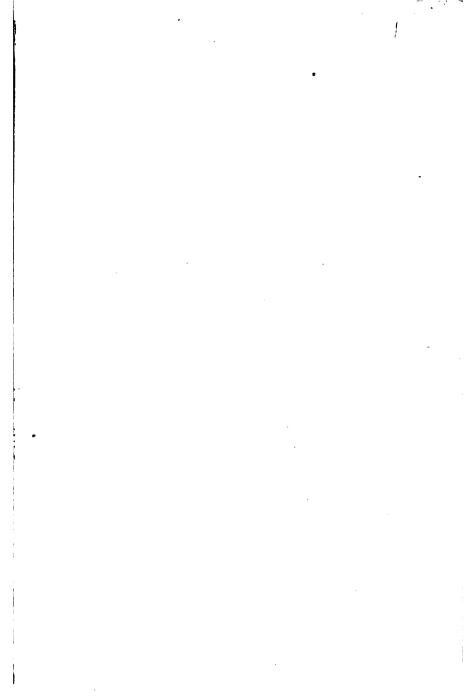
Justus Perthes, Gotha.

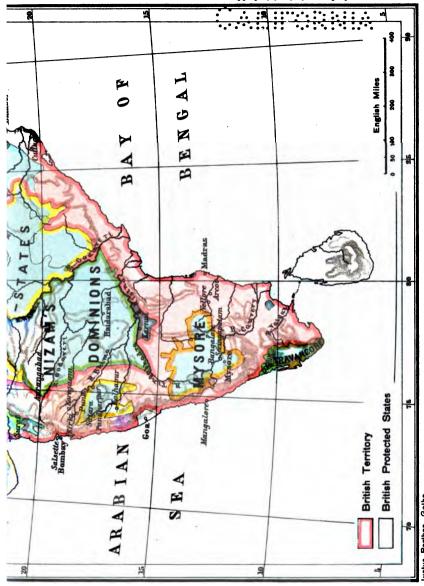






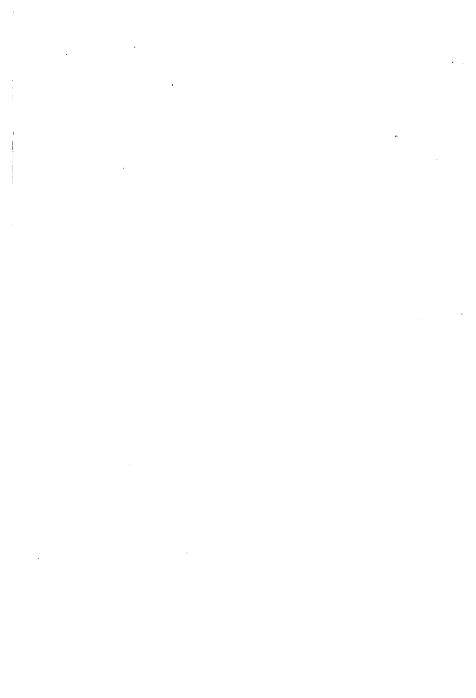
### NO VINI AMMONIAD

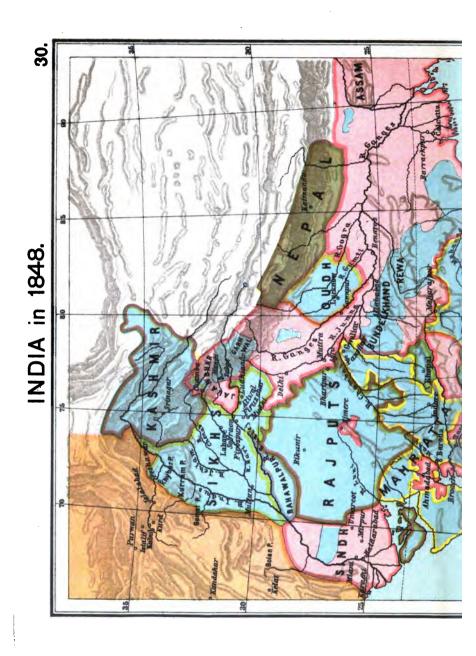


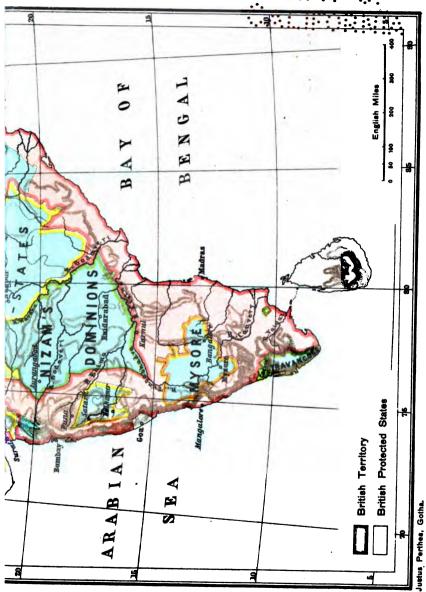


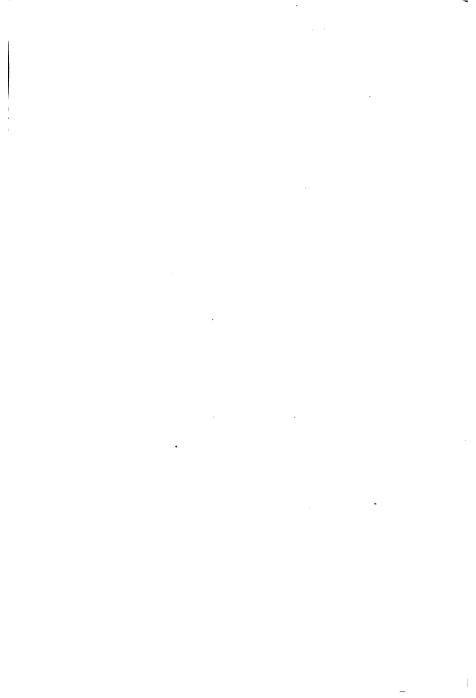
Justus Perthes, Gotha.

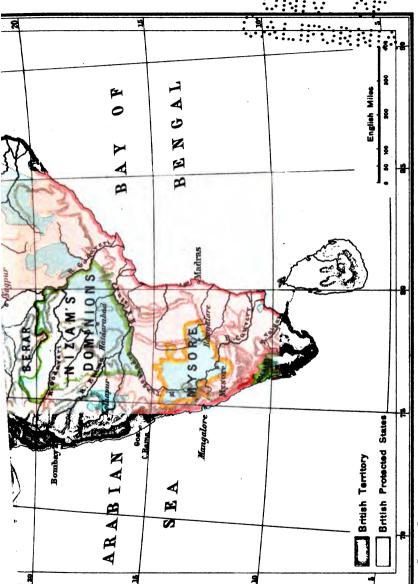
TO VINU AMMOTLIAS



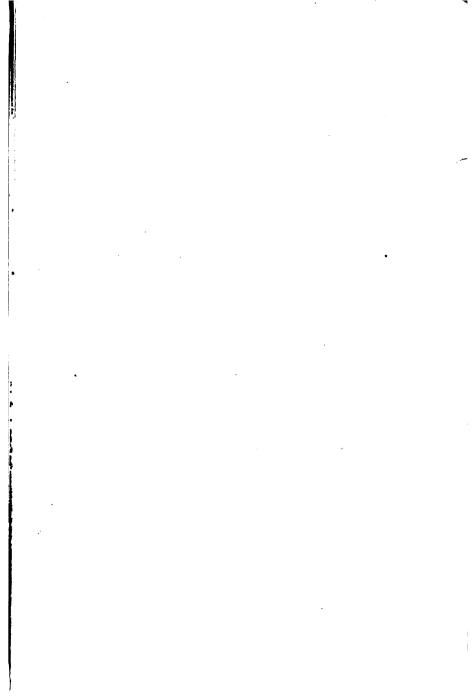




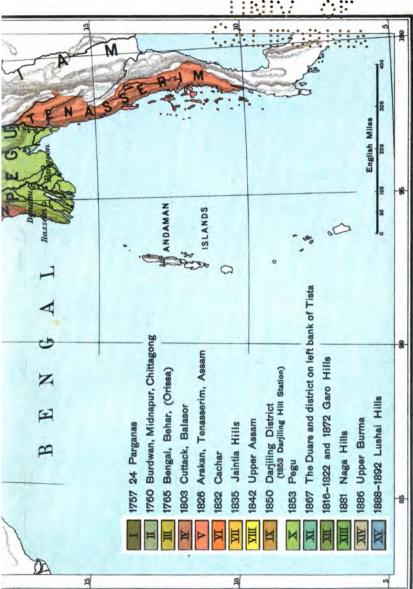




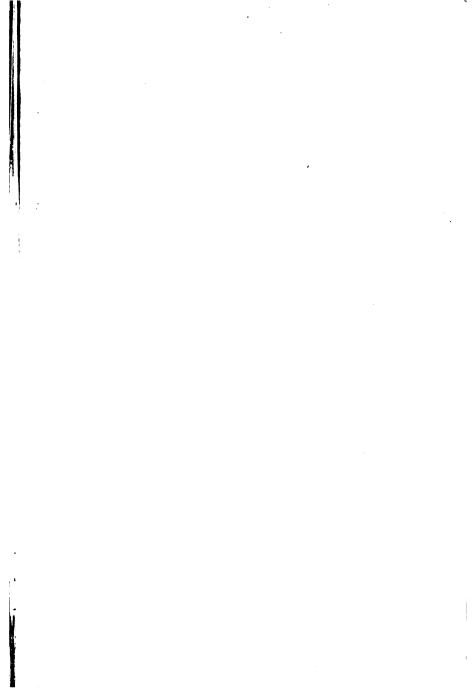
Justus Perthes, Gotha.



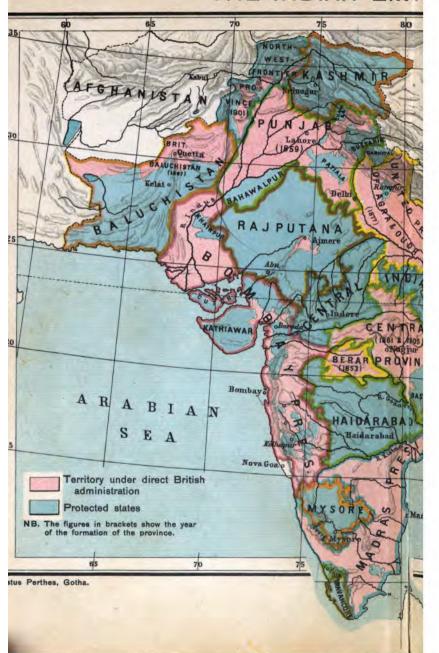
The Growth of British Bengal, Assam and Burma. 32.

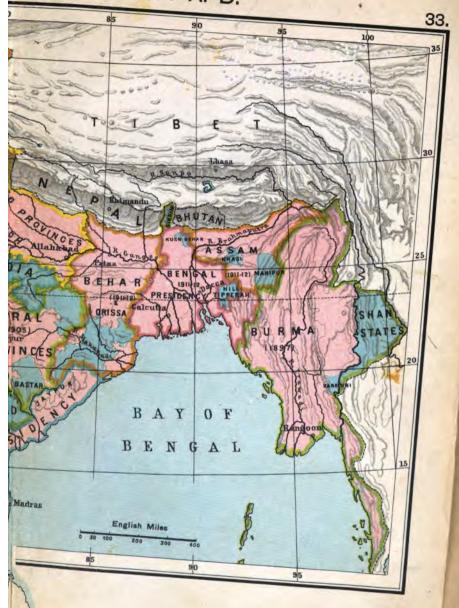


Justus Perthes, Gotha.



#### THE INDIAN EMF





#### RETURN TO the circulation desk of any University of California Library or to the

NORTHERN REGIONAL LIBRARY FACILITY Bldg. 400, Richmond Field Station University of California

Richmond, CA 94804-4698

12,000 (11/95)

#### ALL BOOKS MAY BE RECALLED AFTER 7 DAYS

- 2-month loans may be renewed by calling (510) 642-6753
- 1-year loans may be recharged by bringing books to NRLF
- Renewals and recharges may be made 4 days prior to due date.

DUE AS STAMPED BELOW

MAY 03 2001	
MAY 2 3 2007	
<u> </u>	







419934

BOOK NUST BE CHARGED OUT WITH CASE

UNIVERSITY OF CALIFORNIA LIBRARY



